GEOLOGICAL SURVEY OF ALABAMA

WALTER B. JONES, STATE GEOLOGIST

Information Series 24

INTERIM REPORT ON THE GEOLOGY AND GROUND-WATER RESOURCES OF MORGAN COUNTY ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

Prepared by the
United States Geological Survey
in cooperation with
Morgan County Board of Revenue and Control
and the
Geological Survey of Alabama

University, Alabama

1961

GEOLOGICAL SURVEY OF ALABAMA

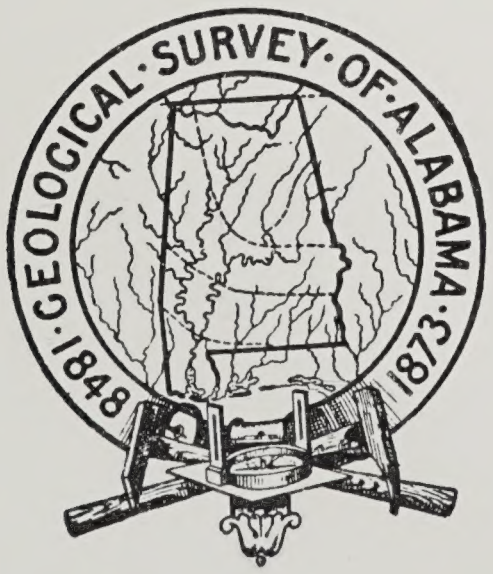
WALTER B. JONES, STATE GEOLOGIST

Information Series 24

INTERIM REPORT ON THE GEOLOGY AND GROUND-WATER RESOURCES OF MORGAN COUNTY ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

Prepared by the
United States Geological Survey
in cooperation with
Morgan County Board of Revenue and Control
and the
Geological Survey of Alabama



University, Alabama

1961

LETTER OF TRANSMITTAL

University, Alabama

March 28, 1961

Honorable John M. Patterson

Governor of Alabama

Montgomery, Alabama

Sir:

I have the honor to transmit herewith the manuscript of a report entitled "Interim Report on the Geology and Ground-Water Resources of Morgan County, Alabama" by Chester L. Dodson and Wiley F. Harris, Jr., with the request that it be printed as Information Series 24 of the Geological Survey of Alabama.

Respectfully,

WALTER B. JONES

State Geologist

CONTENTS

ILLUSTRATIONS

TABLES

INTERIM REPORT ON THE GEOLOGY AND GROUND-WATER RESOURCES OF MORGAN COUNTY ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

INTRODUCTION

Morgan County includes an area of 587 square miles in north Alabama and is bordered by Marshall, Madison, Limestone, Lawrence, and Cullman Counties (fig. 1). According to the 1960 census, the population of the county is 60,454. Decatur, the largest city in Morgan County, has a population of 29,217, and Hartselle, the second largest city, has a population of 5,000. Most of the county is in the Tennessee Valley, and Decatur is adjacent to the Tennessee River. Topography of the county is characterized by broad open valleys and plateaus bordered by escarpments. Total relief of the area is about 800 feet--the lowest point is about 550 feet and the highest point is about 1,350 feet above sea level.

Adequate transportation serves the basic agricultural and growing industrial communities. Several State and Federal highways and two mainline railroads cross the county. Water transportation is available on the Tennessee River, and air transportation serving Decatur became available in April 1960.

The climate of the county is mild. The average annual temperature is about 61°F, the average winter temperature is about 40°F, and the average summer temperature is about 80°F. The average annual precipitation is about 50 inches and is mostly in the form of rain. Early spring is usually the wettest season of the year and early fall is the driest. The growing season is about 200 days.

The U.S. Geological Survey is making an investigation of the geology and ground-water resources of Morgan County in cooperation with the Morgan County Board of Revenue and Control, Mr. Guy D. Roberts, Chairman, the city of Decatur, Mr. Murray Dodd, Mayor, and the Geological Survey of Alabama, Dr. Walter B. Jones, State Geologist. The purpose of this report is to present basic hydrologic and geologic data prior to the release of a comprehensive report, as an aid in the development and evaluation of ground-water resources in Morgan County. Some information presented in this report is tentative and may be modified in the final report.

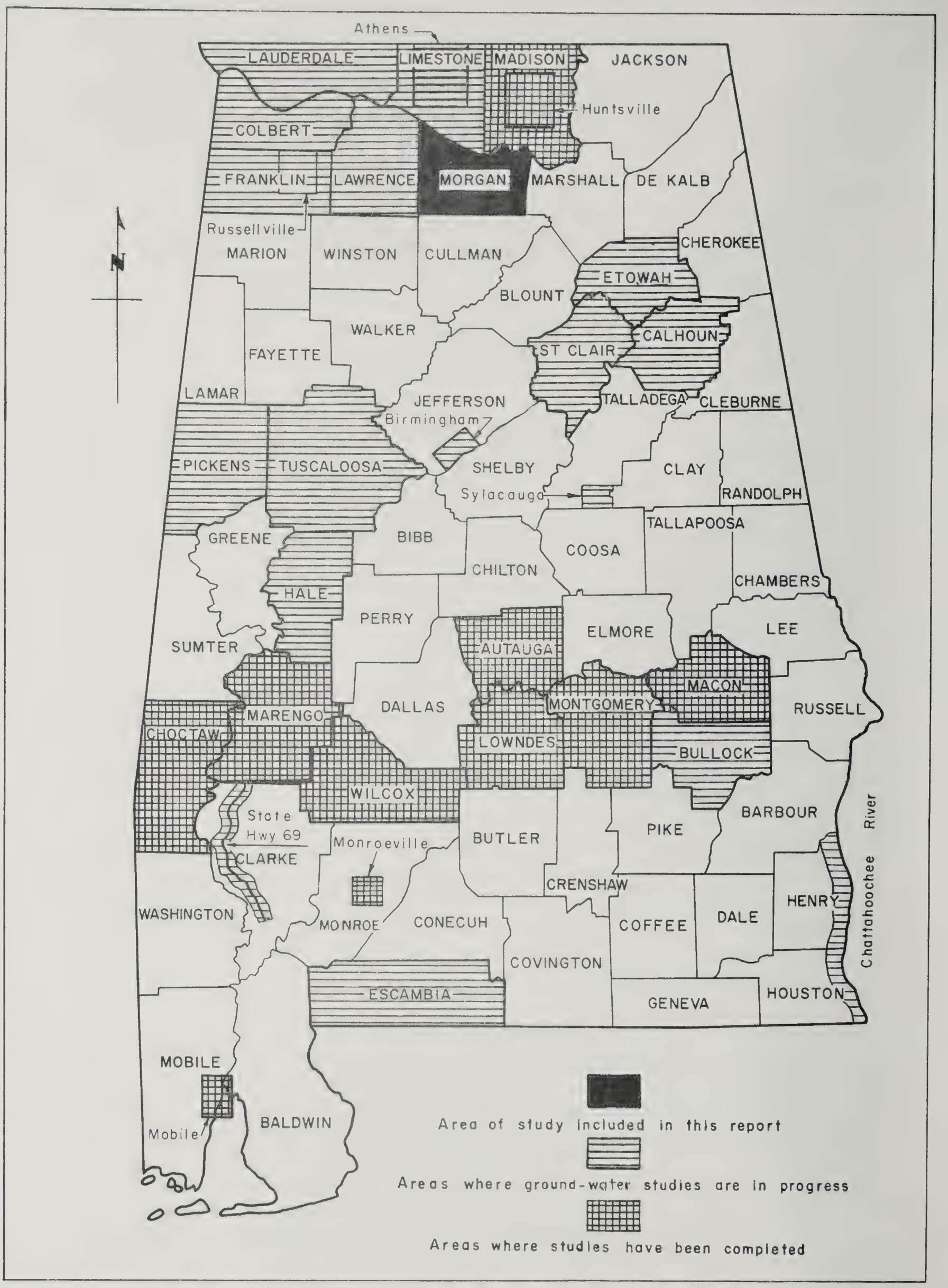


Figure 1.-Map of Alabama showing area studied and areas of other ground-water studies.

Purpose and Scope of Investigation

The purpose of the investigation is to determine the occurrence, availability, and quality of ground water in Morgan County. Data are being collected to provide basic information for the most efficient development of water supplies for agricultural, municipal, industrial, and domestic use. Uses of ground water in the county in 1960 are chiefly domestic and agricultural. A single municipality, Falkville, and a few light industries use ground water also.

The following itemization describes the scope of the investigation:

1. Inventory of wells and springs; records data on type of well, owner, driller, depth, diameter, water level, water-bearing formation, water use, and method of lift.

2. Geologic mapping of the county on a scale of about 1 inch to 1 mile and determination of the relation of the geology to the occurrence and movement of ground water.

3. Test drilling in areas where geologic and hydrologic data are needed.

4. Pumping tests to determine the hydraulic characteristics of the water-bearing formations and the quantity of water available.

5. Determination of pumpage, flow from springs, and quantity of ground water used.

6. Measurement of water levels and correlation with precipitation and pumpage.

7. Determination of the chemical quality of ground water and its relation to geologic formations and structures.

8. Preparation of a comprehensive report on the geology and ground-water resources of Morgan County.

Previous Investigations

Several workers have included Morgan County as part of regional studies. Among them were Tuomey (1858), Smith (1890, 1894, 1907), McCalley (1896), Butts (1926), Semmes (1929), Johnston (1933), and

Welch (1958). A report by Johnston (1933, pt. 1, p. 290-296, pt. 2, tables 35 and 36) outlined the geology, physiography, and occurrence of ground water in each of the formations and included water analyses from 4 wells and 2 springs.

Acknowledgments

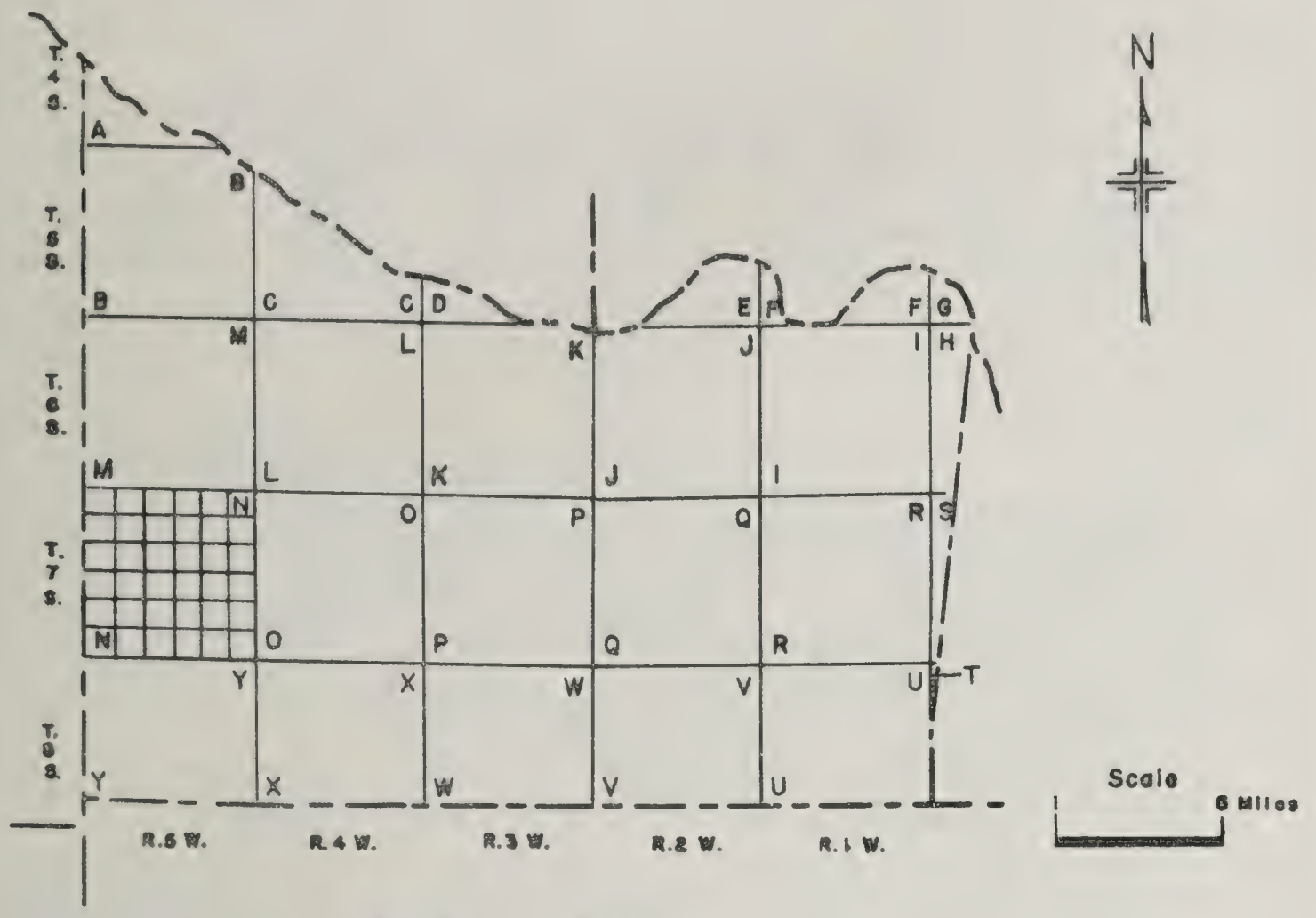
The valuable information on wells and springs contributed by citizens of Morgan County, and the extensive help of city and county officials and waterworks superintendents is acknowledged gratefully. Drillers have been generous in saving well cuttings and furnishing information on wells. Messrs. C. H. Elliott and J. N. Crowe of the H. N. Crowe Drilling Co. have been especially helpful by furnishing drillers' logs and rock samples from about 100 wells in addition to information on ground water in the county. B. L. Bailey worked on the project from November 1957 to June 1958.

Well-Numbering System

The numbering of wells in Morgan County is based on the Federal system of subdivision of the public lands. The public lands are divided into townships approximately 36 square miles in area. In the well-numbering system used in this report the townships in Morgan County are designated by letters, in alphabetical order, beginning with "A" in the northwest township. The wells within a township are numbered consecutively in each successive section, beginning in the northeast corner (fig. 2). In table 2, each number is prefixed by the letter identifying the township, for example, N-1, N-2, N-3.

GENERAL GEOLOGY AND OCCURRENCE OF GROUND WATER

The consolidated-rock aquifers underlying Morgan County are of Mississippian and Pennsylvanian age. They are subdivided into eight formations, which, from oldest to youngest, are the Fort Payne chert, Tuscumbia limestone, Ste. Genevieve limestone, Gasper formation, Hartselle sandstone, Bangor limestone, and Pennington and Pottsville formations. Summary descriptions of the formations and their water-bearing characteristics are given in table 1. The distribution of their outcrops, except of the Fort Payne chert which does not crop out in Morgan County, is shown in figure 3. In most parts of the county the formations are weathered and mantled by unconsolidated deposits of clay, sand, and gravel, which also may be aquifers locally.



Morgan County

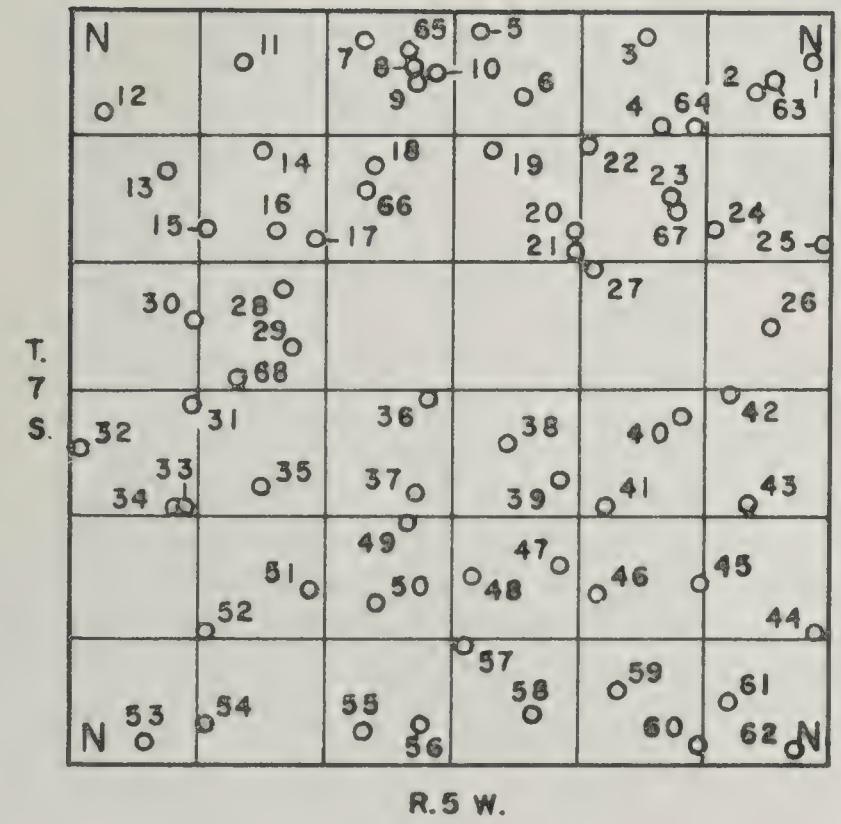


Figure 2.- Diagram showing well-numbering system used in this report.

Table 1.--Generalized section of the Fort Payne chert and younger geologic formations in Morgan County, Ala., and their water-bearing characteristics

Age		Formation	Thickness (feet)	Rock description	Water-bearing characteristics
Quaternary		Unconsolidated deposits	0-100	Clay weathered from shale.	Yields no water to wells.
				Clay, silt, sand, and gravel weathered from sandstone.	Yields some water to dug wells.
				Sand and gravel deposited by streams.	Yields adequate supplies for domestic and farm use in a few small areas.
				Nodules and rubble of chert weathered from limestone formations.	Some dug wells developed in this material yield as much as 100 gpm (gallons per minute).
Carboniferous	Pennsylvanian	Pottsville formation	Less than 300	Sandstone, gray, medium- to thick-bedded; weathers yellowish brown; contains beds of coal, shale, and conglomerate.	Water occurs along bedding planes and in fractures and interstices; typical wells yield less than 10 gpm, rarely more than 20 gpm; water contains iron; hardness of water usually less than 100 ppm (parts per million).
	Mississippian	Pennington formation	70-100	Limestone, gray, variable bedding; typically clayey; some beds are oolitic; interbedded with the shale. Shale, red and green.	Water occurs in the limestone in cavities and fractures and along bedding planes; supplies many small springs; some springs may yield more than 100 gpm; few wells yield as much as 10 gpm; average hardness of water is about 150 ppm. The shale yields little or no water.
		Bangor limestone	375±	Limestone, medium-gray, finely crystalline and oolitic; contains shale and cherty and dolomitic limestone beds.	Water occurs in cavities and fractures and along bedding planes; minimum flow from some springs greater than 100 gpm; wells may yield 100 gpm; hardness of water ranges from about 100 ppm to more than 300 ppm.
		Hartselle sandstone	20-100	Sandstone, gray, medium thick-bedded, calcareous; weathers yellowish brown; some parts silicified; contains some shale beds.	Water occurs along bedding planes and in fractures; typical wells yield less than 10 gpm; hardness of water normally is less than 100 ppm.
		Gasper formation	100	Three distinct units: top and bottom limestone units, gray, variable bedding, finely crystalline or oolitic, somewhat cherty, each about 30 ft. thick; middle shale unit, gray, about 40 ft. thick.	Water occurs in cavities and fractures and along bedding planes in the limestone; the shale yields little or no water; many springs issue from the top limestone, some of which yield as much as 100 gpm; wells commonly yield more than 10 gpm; the bottom limestone unit yields less water; hardness of water may range from less than 100 ppm to more than 500 ppm.
		Ste. Genevieve limestone	50	Limestone, very light gray, massive, thick-bedded, oolitic.	Water occurs in cavities and fractures and along bedding planes, chiefly at or near contacts with overlying and underlying formations; yields little water except in and near its area of outcrop.
		Tuscumbia limestone	200	Limestone, gray, thick-bedded, with nodules and interbeds of chert.	Water occurs in cavities and fractures and along bedding planes; major aquifer in the county; wells that are capable of yielding 100 gpm are common; average hardness of water is about 150 ppm.
		Fort Payne chert	120-180	Limestone, dolomitic limestone, chert, and dolomite, gray, thick-bedded; contains some shale; does not crop out in Morgan County.	Water occurs in cavities and fractures and along bedding planes; some wells are capable of yielding more than 150 gpm; hardness of water ranges between 100 ppm and 250 ppm.

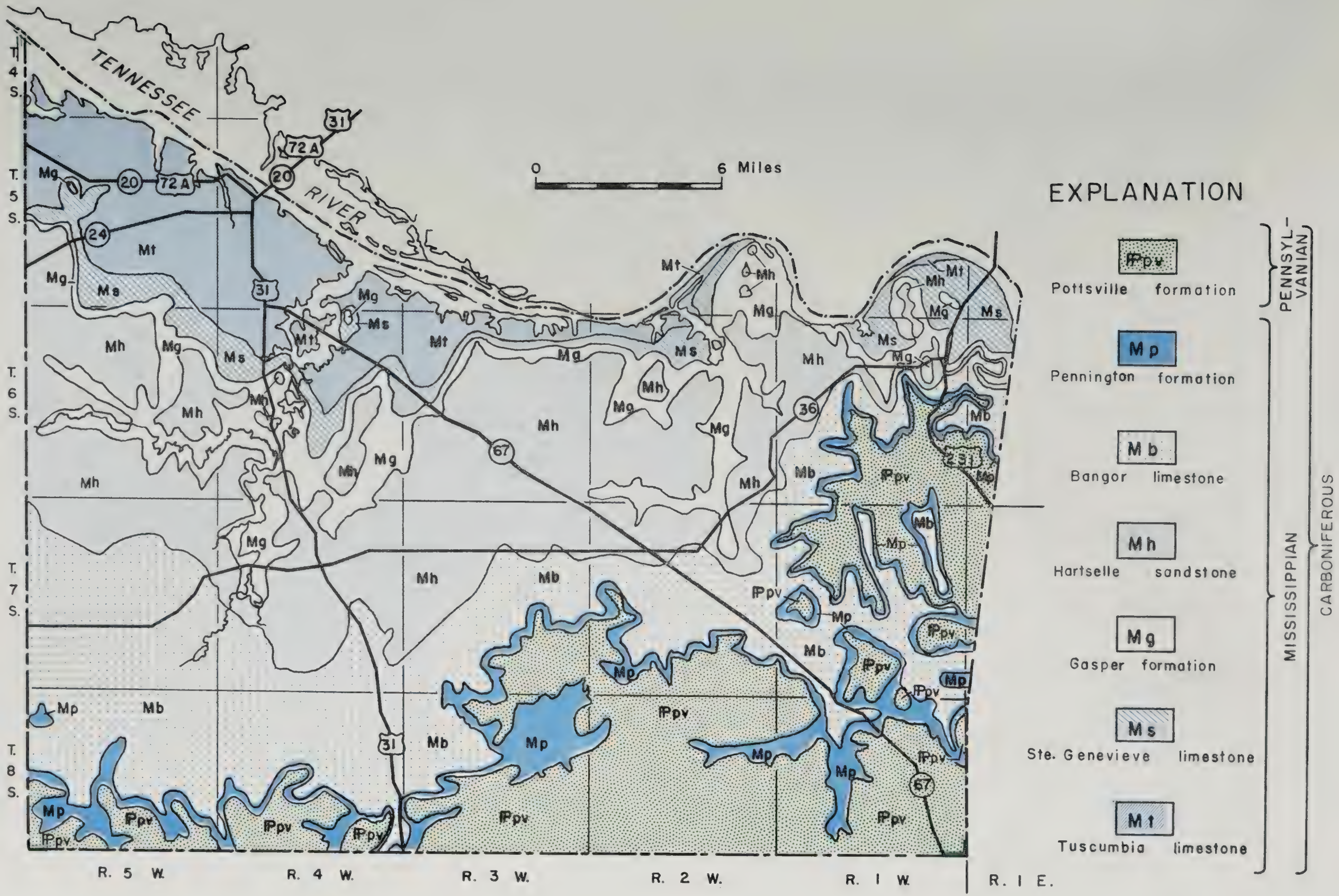


Figure 3 — Generalized geologic map of Morgan County, Ala,

Water that occurs in the zone of saturation is termed ground water. The surface forming the upper boundary of unconfined ground water is the water table. Where the water is confined by an impermeable layer the upper surface is an imaginary surface that everywhere coincides with the static level of the water in the aquifer and is termed the piezometric surface (Meinzer, 1923b, p. 38).

In Morgan County ground water is derived from precipitation. Part of the rainfall runs off into streams, and part of it evaporates. The rest seeps into the soil where it may be partly absorbed or may be used by vegetation. About one-fourth of the total precipitation in the county percolates downward through the soil and becomes ground water (Curtis, 1953, p. 36). As the ground water moves downward and laterally through the rocks, its path of flow is circuitous, especially in limestone aquifers where most of the rock itself is impermeable, and the water moves along solution channels and fractures. The rate of flow is not everywhere the same. For example, in this area ground water commonly moves more rapidly in limestone aquifers than in sandstone aquifers because openings in limestone aquifers are generally larger.

In Morgan County ground water is obtained from limestone, dolomite, chert, sandstone, and conglomerate. Shale contains water but yields almost none to wells. The surficial unconsolidated deposits of sand, gravel, and chert rubble also are water bearing. Because of the differences in the water-bearing characteristics of the several kinds of rock in the county, the ground-water occurrence in each kind is discussed separately.

Limestone

The most productive aquifers in the county occur in limestone. Nearly all the ground water in limestone occurs in solution cavities, which originally were small openings developed along joints, fault planes, and bedding planes. These openings were enlarged principally by the solvent action of ground water, although they may have been enlarged to some extent by the abrasive action of rock particles carried by the water. Many of the cavities are several feet across. Some are filled or partly filled with unconsolidated material. This material may be mud, sand, or gravel that was washed in from the land surface, or it may be pieces of chert that remained after solution of cherty limestone. Water may be developed from completely filled cavities if the material filling them is permeable. The cavities ordinarily are interconnected and form systems that may extend for several miles.

Sandstone

Sandstone contains ground water in the interstices between sand grains, and in openings along bedding planes and joints. If water can move freely between interstices, the sandstone is permeable and large quantities of water may be obtained from it. Cementing material may fill the interstices so completely, however, that the movement of water through the sandstone is restricted or stopped. All or part of a sandstone bed may be impermeable for this reason. Generally, the sandstones cropping out in the county contain abundant cementing material and therefore are poor aquifers.

Shale

Shale is composed mainly of clay, which consists of very fine particles, and water does not readily flow through it. Shale yields little water to wells in the county. Locally shale is known also as soapstone or slate.

Unconsolidated Deposits

Unconsolidated deposits cover the bedrock in most of the county. Residual chert deposits on top of the limestone formations contain large quantities of ground water, especially in the lower valleys. In parts of the county the sandstone formations are mantled by deposits of loose sand that are water bearing. In a few small areas, stream-deposited sand and gravel formations yield supplies of ground water adequate for domestic and farm use.

AVAILABILITY OF GROUND WATER

Rainfall supplies an average of about 300 million gallons of ground water daily in Morgan County (Curtis, 1953, p. 35-37), but only part of this can be recovered. Ground water in usable quantities is unevenly distributed, both from place to place and from time to time, because of the complex geologic and hydrologic conditions in the county. More ground water may be available in one place than in another because of the differences in water-bearing characteristics of the several types of rocks. Even neighboring wells may produce differently. The greatest problem in recovering ground water in Morgan County is locating the rocks where water is in storage.

The difference in availability of ground water from time to time is ordinarily seasonal. Generally, more ground water is available during the winter and spring than during the summer and fall. This is partly because precipitation is greater and more uniformly distributed during the winter and spring, but more importantly because evapotranspiration losses are greatest during the summer and early fall.

The position of the water table reflects the quantity of ground water stored in the earth. When the water table is high more water is available from wells and springs than when the water table is low.

Less than 10 million gallons of ground water is used daily in Morgan County. The unused spring discharge alone probably exceeds this amount, and several times this amount probably could be obtained from existing wells. This indicates a considerable potential for future development of ground-water supplies.

CHEMICAL QUALITY OF GROUND WATER

The chemical quality of ground water depends to a great extent on the composition of the rock through which it moves. Water dissolves all rocks, although it dissolves some very slowly. Limestone, the most common rock in Morgan County, is composed principally of calcium carbonate, but includes minor amounts of magnesium carbonate, and is readily dissolved by ground water. In the process of solution, calcium carbonate is converted to calcium bicarbonate, which is the most common mineral matter in the ground water in Morgan County. Hardness of the water is caused chiefly by calcium and magnesium carbonate. The water may contain sodium, iron, sulfate, nitrate, chloride, and fluoride.

The quality of ground water in the county is generally good. Water from most of the wells and springs in the limestone formations is moderately hard. Many wells in the county yield what is called "sulfur water," caused chiefly by hydrogen sulfide in solution. Almost all water from the sandstone formations contains iron. Chloride content and hardness of water in wells and springs in the county are given in table 2.

The temperature of ground water is approximately equal to the average annual temperature of the area where the well is located plus 1°F per 100 feet of depth to the aquifer. The temperature of ground water remains nearly constant throughout the year and in Morgan County is about 62°F.

SELECTED BIBLIOGRAPHY

Butts, Charles, 1926, The Paleozoic rocks, in Adams, G. I., and others, Geology of Alabama: Alabama Geol. Survey Spec. Rept. 14, p. 41-230.

Curtis, H. A., 1953, Utilization of water in the Tennessee Valley: Alabama Acad. Sci. Jour., v. 25, p. 35-37.

Hem, J. D., 1959, Study and interpretation of the chemical characteristics of natural water: U.S. Geol. Survey Water-Supply Paper 1473, 269 p.

Johnston, W. D., Jr., 1933, Ground water in the Paleozoic rocks of northern Alabama: Alabama Geol. Survey Spec. Rept. 16, 414 p.

LaMoreaux, P. E., 1949, Ground-water geology of Tennessee Valley area in Alabama, with reference to vertical drainage: Alabama Geol. Survey Circ. 18, 13 p.

McCalley, Henry, 1896, Report on the valley regions of Alabama (Paleozoic strata), pt. 1, Tennessee Valley region: Alabama Geol. Survey Spec. Rept. 8, 436 p.

Meinzer, O. E., 1923a, The occurrence of ground water in the United States, with a discussion of principles: U.S. Geol. Survey Water-Supply Paper 489, 321 p.

_____1923b, Outline of ground-water hydrology, with definitions: U.S. Geol. Survey Water-Supply Paper 494, 71 p.

_____ed., 1942, Hydrology, v. 9 of Physics of the earth: New York, Dover Publications, Inc., p. 385-477.

Mississippi Geological Society, 1949, Precambrian and Paleozoic rocks of northern Alabama and south-central Tennessee, Guidebook 7th Field Trip: 89 p.

Semmes, D. R., 1929, Oil and gas in Alabama: Alabama Geol. Survey Spec. Rept. 15, p. 52, 161-165.

Smith, E. A., 1890, On the geology of the valley regions adjacent to the Cahaba field, in Squire, Joseph, Report on the Cahaba coal field: Alabama Geol. Survey Spec. Rept. 2, p. 133-180.

Smith, E. A., 1894, Geological map of Alabama with explanatory chart: Alabama Geol. Survey.

_____1907, The underground water resources of Alabama: Alabama Geol. Survey Mon. 6, 338 p.

Tolman, C. F., 1937, Ground water: New York and London, McGraw-Hill, 593 p.

Tuomey, Michael, 1858, The geology of Alabama: Alabama Geol. Survey 2d Bienn. Rept., 292 p.

U.S. Public Health Service, 1946, Drinking water standards: U.S. Public Health Repts. Repr. 2697.

Welch, S. W., 1958, Stratigraphy of Upper Mississippian rocks above the Tuscumbia limestone in northern Alabama and northeastern Mississippi: U.S. Geol. Survey Oil and Gas Inv. Chart OC 58.

Table 2

Table 2. --Records of wells and springs in Morgan County, Ala.

Well or spring no.: Numbers correspond to those in plate 1.
Type: C, combination dug and drilled; D, drilled well; Du, dug well; S, spring.
Depth of well and water level: Depths shown in feet are reported; those shown in feet and tenths are measured.
Altitude: Altitudes shown in feet are interpolated from topographic quadrangle maps; those shown in feet and tenths are determined by instrumental leveling.
Method of lift: F, flowing; M, manual; N, none; Ph, cylinder; Pp, pitcher; Pv, rod; T, turbine; Tj, jet; Ts, submergible.
Use: A, airconditioning; D, domestic; Ind, industrial; Irr, irrigation; N, not used; P, public supply, undifferentiated; Pc, church; Pm, municipal; Ps, school; S, stock.
Water-bearing formation: Mfp, Fort Payne chert; Mt, Tuscumbia limestone; Ms, Ste. Genevieve limestone; Mg, Gasper formation; Mh, Hartselle sandstone; Mb, Bangor limestone; Mp, Pennington formation; IPpv, Pottsville formation; Qu, Quaternary deposits, undifferentiated--includes all unconsolidated material covering the bedrock. Hyphenated double symbols, such as Mh-Mg, indicate the well produces water at or near the contact between two formations.

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
A- 1	Harry Malone	.....	D	....	6	Mt	585	....	.....	...	D	...	...	...	
A- 2	F. O. Smith.....	Hurst Machine Works.	D	108	6	Mt	568	35	.....	Tj	D	...	...	...	Water at 80 ft. Bailing-test drawdown, 10-15 ft.
A- 3	W. B. Loosier....	.....	D	....	6	Mt	570	....	.....	...	D	...	18	172	
A- 4	Ralph Weinman....	.....	D	....	6	Mt	570	....	.....	...	D	...	...	...	
A- 5	J. C. Webb	.....	D	....	6	Mt	585	....	.....	...	D	...	...	...	
A- 6	R. G. Kinkle	Crowe Drilling Co.	D	140	6	Mt	595	....	.....	Tj	D	...	11	146	
A- 7	Harold Blanton....	.....	D	....	6	Mt	580	....	.....	...	D	...	11	138	
A- 8	H. K. Tankersley..	.....	D	....	6	Mt	574	....	.....	...	D	...	...	...	
B- 1	Gilchrist & Bradford	Hurst Machine Works.	D	125	6	Mt	588	42	.....	Tj	D	...	11	178	Casing: 6-in. to 20 ft.
B- 2	L. Cooper and Bob Solly, Jr.	.....	D	120	6	Mt	605	....	.....	Tj	D	...	11	180	
B- 3	Omer Bates.....	.....	D	110	6	Mt	608	....	.....	Tj	D	...	18	198	
B- 4	Herman Free.....	Crowe Drilling Co.	D	125	6	Mt	615	70	.....	Tj	D	...	11	140	
B- 5	J. G. Baker.....	.....	D	120	6	Mt	605	....	.....	Tj	D	...	25	122	
B- 6	Ira Schnell.....	.....	D	119	6	Mt	595	45.5	9-12-58	Tj	D	...	11	156	
B- 7	George LaBoon....	Hurst Machine Works.	D	110	6	Mt	604	44	8- -51	Tj	D	...	...	...	Casing: 6-in. to 40 ft.
B- 8	Loyd Ward.....	Crowe Drilling Co.	D	165	6	Mt	600	....	.....	Tj	D	...	11	236	

B- 9	J. R. Guyse.	. . . . .	D	85 (?)	6	Mt	602	35	7- -45	Tj	D	. . .	4	104	Casing: 6-in. to 25 ft.
B-10	James Smith	-- Campbell. . . .	D	76	6	Mt	595	35	1948	Tj	D	. . .	18	108	Bedrock at 35 ft.
B-11	Laura Kennedy. . . .	. . . . .	Du	23.7	36	Qu	605	5.6	11-19-57	Pv	D	60	2	138	Hand pump.
B-12	Bessie Mosely	-- Campbell. . . .	D	67.5	6	Mt	640	10.0	11-20-57	M	D	65	11	20	Casing: 6-in. to 50 ft.
B-13	John Booker.	. . . . .	Du	36.7	60	Qu	630	8.0	. . do . .	M	D	62	39	18	
B-14	George LaBoon and Herman Free.	Crowe Drilling Co.	D	90.5	6	Mt	585	28.7	3-13-59	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 86 ft. Bedrock at 84 ft. Driller's log in files of U.S. Geol. Survey.
B-15	Josie Wiggins.	. . . . .	D	63.4	6	Mt	590	40.1	12-13-57	M	D	63	4	12	Casing: 6-in. to about 40 ft.
B-16	R. L. Phillips	Hurst Machine Works.	D	81	6	Mt	610	55	1953	Tj	D,S	. . .	18	118	Casing: 6-in. to 81 ft.
B-17	T. H. Holland	. . . . do	D	96	6	Mt	600	25	5- -52	Tj	D,S	. . .	11	82	Casing: 6-in. to 25 ft.
B-18	Casey Holland	. . . . .	Du	22.5	60	Qu	585	2.4	11-19-57	M	D,S	58	11	44	
B-19	Alabama Flour Mills.	Hurst Machine Works.	D	133	6	Mt	635	80	1956	Tj	D,S	. . .	11	130	Casing: 6-in. to 60 ft.
B-20	. . . . do	. . . . do	D	130	6	Mt	612	80	1949	Tj	D,S	63	11	160	Casing: 6-in. to 65 ft.
B-21	M. E. Holland	. . . . .	Du	41.7	48	Qu	615	7.7	11-19-57	Tj	D,S	. . .	11	12	
B-22	Jim Hamilton.	. . . . .	D	97.2	6	Mt	620	52.1	11-21-57	Tj	D	. . .	11	18	
B-23	Lizzie Nettles	. . . . .	Du	45.4	36	Qu	603	3.5	11-25-57	M	D	61	18	174	
B-24	J. B. Sewell	. . . . .	D	68.5	6	Mt	596	29.3	11-26-57	M	D,S	64	11	240	
B-25	J. J. Terry.	. . . . .	D	80	6	Mt	567	30	. . . . .	Tj	D,S	. . .	11	144	
B-26	Louie Glenn.	. . . . .	D	60.1	6	Mt	588	21.8	11-26-57	Pv	D	. . .	18	130	
B-27	J. B. Sewell	. . . . .	Du	39.4	36	Qu	612	7.0	. . do . .	M	D,S	64	11	118	
B-28	Roy Sims.	. . . . .	Du	31.3	30	Qu	596	2.2	. . do . .	M	D	62	32	156	
B-29	. . . . do	. . . . .	Du	60	36	Qu	600	1.8	. . do . .	Tj	D,S	. . .	11	184	
B-30	Colonial Rest Home.	Hurst Machine Works.	D	116	6	Mt	612	52	1947	Tj	D,S	62	11	116	Casing: 6-in. to 52 ft.
B-31	John A. Lile	. . . . do	D	108.1	6	Mt	627	68.3	9- 5-58	T	D,S	62	11	194	Supply for Red Hat-Armour Feeder Lot.
B-32	Roy Sims.	. . . . .	D	78	6	Mt	611	58	. . . . .	Pv	D	64	11	80	Hand pump.
B-33	. . . . do	. . . . .	D	17.0	6	Mt	613	4.5	11-26-57	M	D	64	75	188	
B-34	R. L. Phillips	. . . . .	D	58.5	6	Mt	627	27.0	11-21-57	M	D	64	11	256	Observation well.
B-35	W. B. South.	S. E. Miller . . .	D	80	6	Mt	622	31.4	4- 2-58	Tj	D	. . .	. . .	. . .	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-36	J. B. Sewell	. . . . .	D	75	6	Mt	643	65	8-15-53	Tj	D,S	. . .	16	234	Casing: 6-in. to 65 ft.
B-37	H. C. Sharp.	. . . . .	Du	28.6	36	Qu	637	4.4	11-27-57	M	D	. . .	. . .	. . .	
B-38	Richard Stewart . . .	. . . . .	Du	52.1	50	Mt (?)	590	25.0	11-20-57	M	D	61	32	176	
B-39	Paul Bryan	. . . . .	D	75	6	Mt	622	70	11- -57	Pv	D,S	. . .	11	282	
B-40	Glendale Farms . . .	. . . . .	D	115	6	Mt	636	40	. . do . .	Tj	D,S	. . .	. . .	. . .	Standby well, seldom used.
B-41	. . . . do	. . . . .	D	116	6	Mt	640	41	8- -57	Pv	D,S	. . .	18	258	Casing: 6-in. to 35 ft. Supplies 8 families and dairy barn.
B-42	Dick Harris	Billy Campbell . .	D	57	6	Mt	595	29	3- -58	Tj	D,S	63	11	140	Casing: 6-in. to 19 ft. Bedrock at 18 ft. Cavity from 52 to 57 ft.
B-43	Richard Smith	. . . . .	Du	25.6	48	Qu	592	4.1	11-19-57	M	D	64	39	62	
B-44	Charles Toney	. . . . .	Du	15.5	30	Qu	597	1.9	. . do . .	M	D	61	18	42	
B-45	Will Townsend	. . . . .	Du	24.1	60	Qu	622	2.7	11-20-57	M	D	61	40	74	
B-46	Rosa Garth	. . . . .	Du	22.7	48	Qu	585	7.2	11-19-57	M	D	61	18	38	
B-47	Julia Davis	. . . . .	D	67.9	6	Mt	612	14.9	11-27-57	M	D	. . .	32	42	Observation well 1958-59.
B-48	-- Vaughn	. . . . .	Du	41.4	36	Qu	595	12.3	11-20-57	M	D	62	18	48	
B-49	John Booker.	. . . . .	Du	38.0	36	Qu	615	2.9	11-21-57	Tj	D	61	18	56	
B-50	Paul Robinson	. . . . .	Du	55	36	Qu	587	30	6- -50	Tj	D	. . .	11	100	
B-51	Grace Narmore . . .	. . . . .	Du	12.4	30	Qu	566	8.6	11-25-57	Tj	D	. . .	18	110	
B-52	Graham Thompson .	. . . . .	Du	26.9	24	Qu	580	8.5	4-22-58	Tj	D,S	. . .	18	122	
B-53	Frank Morgan	. . . . .	D	55	6	Mt	575	18	8- -57	Tj	D,S	. . .	46	194	
B-54	Grace Narmore . . .	. . . . .	D	97	6	Mt	568	25	. . do . .	Tj	D	. . .	18	244	
B-55	Eugene McCurry. . .	. . . . .	D	75	6	Mt	570	50	. . . . .	Tj	D	. . .	. . .	. . .	
B-56	Alabama-Tennessee Natural Gas Co.	Crowe Drilling Co.	D	350.5	6	Qu	565	5.8	5- 1-56	N	N	. . .	. . .	. . .	Casing: 6-in. to 15.6 ft.; slotted 8 to 11 ft. Bedrock at 8 ft. Little or no water below 8 ft. Driller's, electric, and sample logs in files of U.S. Geol. Survey.
B-57	Chemstrand Corp . .	. . . . .	D	95	6	Mt	592	20	1945	Pv	D,S	. . .	25	244	

B-58	J. P. Sims	. . . . .	Du	22.7	36	Qu	574	12.7	1-15-58	Tj	D	. . .	11	106	
B-59	Roy Shell.	. . . . .	Du	18.2	30	Qu	584	9.0	1-10-58	Tj	D	. . .	60	130	
B-60	John H. Nelms & Son.	. . . . .	D	34	6	Mt	584	20	. . . . .	Tj	Ind	. . .	11	86	Supplies packing house.
B-61	M. E. McGuire . . .	Crowe Drilling Co.	D	68	6	Mt	582	30	. . . . .	Tj	D	. . .	32	134	Casing: 6-in. to about 45 ft. Bedrock at 41 ft.
B-62	J. H. Nelms	. . . . .	D	51.4	6	Mt	582	17.1	1-15-58	Tj	D, Ind	. . .	32	132	Insufficient supply for packing house and 1 family.
B-63	J. T. Nelms	Hurst Machine Works.	D	48	6	Mt	580	30	9- -54	Tj	D	. . .	. . .	. . .	Bedrock at 30 ft.
B-64	Earl Brewer	. . . . .	D	38	6	Mt	567	20	1940	Tj	D, S	. . .	11	268	Casing: 6-in. to 15 ft.
B-65	C. E. Callaway . . .	. . . . .	D	95	6	Mt	587	35	. . . . .	Tj	D	. . .	18	202	Casing: 6-in. to 35 ft.
B-66	City of Decatur and Fruehauf Trailer Co.	Peerson Drilling Co.	D	251.0	6	Mt	584	25.0	2-24-58	. . .	. . .	62	4	136	Observation well. Casing: 6-in. to 40 ft. Pumped 102 gpm for 24 hrs.; drawdown 52 ft., March 1958. Driller's, electric, and sample logs in files of U.S. Geol. Survey.
B-67	Earl Brewer	Hurst Machine Works.	D	58	6	Mt	573	25	1945	Tj	D	. . .	4	66	Casing: 6-in. to 15 ft.
B-68	M. N. McEntire . . .	. . . . do	D	42	6	Mt	575	17	. . . . .	Tj	D	. . .	4	96	Casing: 6-in. to 15 ft. Bedrock at 12 ft.
B-69	Roy Tucker	. . . . .	Du	31.8	24	Qu	605	27.5	12-31-57	Tj	D	. . .	18	188	
B-70	Casey Morgan	. . . . .	D	24.5	4	Mt	592	20.3	1-10-58	Ph	D, S	. . .	11	188	
B-71	Glenn Whisenant. . .	. . . . .	Du	35	36	Mt	610	23	. . . . .	Tj	D	. . .	11	110	
B-72	C. P. Hargrove . . .	Hurst Machine Works.	D	85	6	Mt	602	50	. . . . .	Tj	D	. . .	25	198	Casing: 6-in. to about 80 ft.
B-73	G. H. Rogers.	. . . . .	D	60.4	6	Mt	618	50.4	1-10-58	M	D	. . .	11	174	Casing: 6-in. to about 40 ft. Originally 90 ft. deep.
B-74	G. W. Rogers	. . . . .	D	70	6	Mt	605	20	. . . . .	Tj	D, S	. . .	11	118	Casing: 6-in. to 28 ft.
B-75	C. M. Reynolds . . .	Cotton Drilling Co.	D	187	6	Mt (?)	606	45	7- -48	Tj	D	. . .	11	70	Casing: 6-in. to 55 ft. Bedrock at 45 ft.
B-76	George Cooper. . . .	. . . . .	Du	34.3	30	Qu	603	13.5	1- 9-58	M	D	62	39	176	
B-77	Calvary Baptist Church.	Hurst Machine Works.	D	50	6	Mt	568	20	6- -57	Tj	Pc	. . .	4	290	Casing: 6-in. to 20 ft. Bedrock at 18 ft.
B-78	E. O. Green	. . . . .	D	92.3	6	Mt	572	15.9	2-26-58	M	D	63	39	280	
B-79	B. F. Jones.	. . . . .	D	80	6	Mt	576	35	6- -55	Pv	D	. . .	18	180	
B-80	Paul C. Davis	Alonzo Summerford.	D	66.7	6	Mt	595	32.0	2-26-58	Tj	D, S	. . .	11	150	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-81	Lester Robinson. . .	Hurst Machine Works.	D	100	6	Mt	595	50	7- -53	Tj	D	. . .	11	208	Casing: 6-in. to 31 ft.
B-82	W. O. Wright.	-- Mayo	D	52	6	Mt	576	18	7- -57	Tj	D,S	. . .	18	64	Casing: 6-in. to 30 ft.
B-83	Paul C. Davis	. . . . .	Du	35.7	36	Qu	578	18.0	4- 7-58	M	D	60	11	104	
B-84	J. L. Shumake. . . .	. . . . .	D	100	6	Mt	580	75	1958	Tj	D,S	. . .	25	96	Sulfurous.
B-85	. . . . do	. . . . .	D	48.6	6	Mt	575	13.9	2-26-58	M	D	63	18	84	
B-86	Paul C. Davis	. . . . .	D	84.0	6	Mt	584	19.3	4- 7-58	M	D	62	11	140	
B-87	L. E. Vincent	Crowe Drilling Co.	D	100	6	Mt	590	20	6- -57	Tj	D,S	. . .	4	220	Casing: 6-in. to 30 ft. Bedrock at 18 ft.
B-88	Rudolph Watts	Hurst Machine Works.	D	58.7	6	Mt	600	9.1	2-25-58	M	D	60	32	230	Casing: 6-in. to about 20 ft.
B-89	Willis Brown	. . . . do	D	25.5	6	Qu (?)	591	14.3	. . do . .	M	D,S	62	18	168	
B-90	Henry Bledsoe	. . . . do	D	44.7	6	Mt	582	16.5	5-29-58	. . .	D	. . .	. . .	. . .	Casing: 6-in. to 19 ft. Sample log in files of U.S. Geol. Survey.
B-91	Jeff Robinson.	-- Shell.	D	82	6	Mt	594	40	6- -57	Tj	D,S	. . .	18	208	Casing: 6-in. to 40 ft.
B-92	Annie Steed	. . . . .	Du	40.1	48	Qu	650	38.5	2-26-58	M	D	61	11	200	
B-93	. . . . do	. . . . .	D	58.4	6	Mt	610	32.2	4-29-59	Tj	D,S	. . .	. . .	. . .	Supplies 5 families and 150 head of stock.
B-94	J. B. Sewell	. . . . .	D	75	6	Mt	635	30	1955	Tj	D,S	. . .	25	226	
B-95	L. T. Jones.	. . . . .	D	72.5	6	Mt	636	16.0	12- 2-57	Tj	D	. . .	18	260	Observation well 1958-59. Casing: 6-in. to 30 ft.
B-96	Leland King.	Bill Little	D	44.4	5	Mt	633	3.5	. . do . .	M	D	63	11	406	
B-97	J. B. Sewell	Crowe Drilling Co.	C	51.1	6	Mt	634	4.3	. . do . .	M	D	64	25	260	Water is from drilled part of well.
B-98	Louisville & Nashville Railroad.	. . . . .	Du	24.7	36	Qu	636	3.1	12- 4-57	M	D	. . .	145	170	
B-99	Rosebud Johnson. . .	. . . . .	Du	32.5	36	Qu	631	4.9	2-25-58	M	D	53	11	172	Bedrock at 32.5 ft.
B-100	J. K. Poole.	. . . . .	D	75	6	Mt	638	25	. . . . .	Pv	D	. . .	75	186	

B-101	W. C. Phillips	. . . . .	D	68	6	Mt	638	25	. . . . .	Tj	D	. . .	32	300	
B-102	Ella Terry.	. . . . .	D	64.8	6	Mt	641	9.7	12- 6-57	M	D	63	25	324	
B-103	Austin Sims	Curry Bros	D	80	6	Mt	641	30	1955	Tj	D	. . .	. . .	. . .	
B-104	John Robinson	Michael Drilling Co.	D	70	6	Mt	635	50	. . . . .	Tj	D	. . .	18	190	
B-105	J. W. Robinson . . .	. . . . .	D	65	6	Mt	632	25	1940	Tj	D,S	. . .	82	340	
B-106	Sam Lile.	. . . . .	D	57	6	Mt	632	24	1954	Tj	D,S	. . .	11	150	Casing: 6-in. to 19 ft. Cavity from 55 to 57 ft.
B-107	R. L. Jeffries	Hurst Machine Works.	D	58	6	Mt	632	+ .5	12- 2-57	Tj	D	. . .	11	114	Casing: 6-in. to 40 ft. Flows during periods of high water level and heavy rainfall.
B-108	J. D. Johnson	. . . . do	D	52	6	Mt	632	+ .5	. . do . .	Tj	D	63	18	126	Flowing 10 gpm on 12-2-57. Flows during periods of high water level and heavy rainfall.
B-109	R. L. Phillips	. . . . do	D	65	6	Mt	633	33	7-15-57	Tj	D	. . .	18	188	Casing: 6-in. to 32 ft.
B-110	Sam Lile.	. . . . .	Du	11.3	36	Qu	637	1.0	12-10-57	M	D	63	46	206	
B-111	Rayburn Neville . . .	. . . . .	D	65	6	Mt	634	25	. . . . .	Pv	D	. . .	25	110	Casing: 6-in. to 35 ft.
B-112	Willie Hitt.	. . . . .	D	68.3	6	Mt	637	2.1	12- 5-57	Tj	D	. . .	18	200	
B-113	Dewitt Baker	. . . . .	D	66	6	Mt	640	22	1954	Tj	D	. . .	25	216	
B-114	R. C. McBride. . . .	. . . . .	Du	20.0	30	Qu	655	2.9	12-10-57	M	D	57	25	122	
B-115	R. L. Jeffries	. . . . .	D	50	6	Qu	637	22	7- -54	Tj	D	. . .	11	224	Casing: 6-in. to 50 ft. Bedrock at 50 ft.
B-116	Garth Kimbrel	Curry Bros	D	77	6	Mt	638	20	. . . . .	Tj	D	. . .	18	252	Casing: 6-in. to 30 ft.
B-117	R. M. Grantland. . .	. . . . do	D	65	6	Mt	638	25	6- -46	Tj	D	. . .	11	140	Casing: 6-in. to 46 ft.
B-118	Marvin Terry.	. . . . .	D	75	6	Mt	638	25	. . . . .	Tj	D	. . .	. . .	. . .	
B-119	Trinity Baptist Church.	. . . . .	D	53.1	6	Mt	638	6.0	12- 5-57	Tj	Pc	. . .	25	192	
B-120	Leon Grantland. . . .	Hurst Machine Works.	D	142	6	Mt	642	40	1951	Tj	D	. . .	. . .	. . .	Casing: 6-in. to about 90 ft.
B-121	Trinity School	. . . . .	D	. . . .	6	Mt	642	. . . .	. . . . .	Pv	Ps	. .	25	214	
B-122	Garth Kimbrel	Curry Bros	D	77	6	Mt	645	25	. . . . .	Tj	D	63	25	254	Casing: 6-in. to 30 ft.
B-123	Bert Jeffries	Crowe Drilling Co.	D	80	6	Mt	644	25	5- -57	Tj	D	. . .	11	180	
B-124	Sam Lile.	. . . . .	D	106	6	Mt	648	30	1952	Pv	D,S	. . .	11	240	
B-125	. . . . do	. . . . .	Du	28	36	Qu	648	20	. . . . .	Pp	D	. . .	. . .	. . .	Bedrock at about 28 ft.
B-126	Eddie Corum	. . . . .	Du	7.3	36	Qu	649	.1	12-10-57	M	D	56	25	200	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-127	Trinity School	.....	Du	22.8	36	Qu	650	5.4	12- 6-57	M	Ps	62	32	148	
B-128	Abby Sims	.....	D	135.5	6	Mt	645	28.5	12- 4-57	Tj	D	...	25	326	
B-129	.... do	.....	Du	44.9	12	Mt	645	5.0	.. do ..	N	N	...	...	...	
B-130	J. B. Sewell	.....	Du	25.0	36	Qu	644	6.5	12- 5-57	M	D	63	39	200	
B-131	.... do	.....	D	65	6	Mt	643	20	1956	Tj	D	...	...	...	
B-132	Tom Sims	.....	D	66.9	6	Mt	645	11.4	12- 5-57	Tj	D	...	11	120	
B-133	Trinity Methodist Episcopal Church.	.....	D	100	6	Mt	650	30	.....	Tj	Pu	...	11	82	
B-134	Sue Kines	.....	Du	12.6	24	Qu	658	4.7	12-10-57	M	D	57	32	280	
B-135	G. W. Truitt	.....	Du	34.5	36	Qu	643	9.0	12- 6-57	M	D	62	32	244	
B-136	R. S. Ferguson ...	Crowe Drilling Co.	D	105	6	Mt	641	25	.....	Tj	D	...	46	286	
B-137	H. H. May.....	.....	D	173	6	Mt	654	20	1940	Pv	D	...	11	284	Casing: 6-in. to 20 ft.
B-138	W. H. Martin.....	Hurst Machine Works.	D	138	6	Mt	665	25	1- -45	Tj	D	...	11	236	
B-139	J. H. Day	.....	S	....	...	Mg	690	....	.....	...	D, P	56	11	86	Known as Seneca Springs. Estimated flow, 100 gpm on 2-10-59. Supplies 6 families and others. Used to fill swimming pool.
B-140	Knox McRae.....	Hurst Machine Works.	D	55.0	6	Mg	710	20.7	1-27-58	Tj	D	...	4	444	
B-141	J. A. Fuller	.....	D	80	6	Mg	842	65	1945	Tj	D	...	4	14	
B-142	Knox McRae.....	Hurst Machine Works.	D	85.1	6	Mg	765	42.5	1-27-58	Tj	D,S	...	4	138	
B-143	J. D. Sims	.....	D	114.6	6	Mg-Ms	756	3.0	1-28-58	N	N	...	...	...	
B-144	J. L. Case	Howard Fowler..	D	66	6	Mt	642	26	.....	Tj	D	...	25	364	Casing: 6-in. to about 35 ft.
B-145	W. S. Kimbrel....	.....	D	70	6	Mt	642	25	1955	Tj	D	...	40	364	
B-146	L. Dobbins	.....	Du	40	36	Qu	618	15	1- -58	M	D	...	...	...	

B-147	L. G. DeLony	.....	D	65	6	Mt	646	30	.....	Tj	D	...	18	280	Casing: 6-in. to 30 ft.
B-148	Roger Heard	.....	Du	23.3	36	Qu	660	13.1	1-28-58	M	D	57	110	220	
B-149	Harold Dietz	Crowe Drilling Co.	D	140.8	6	Ms-Mt	670	42.2	5- 4-59	Tj	D	62	...	...	Casing: 6-in. to 64 ft. Bedrock at surface. Cavity from about 129 to about 130.5 ft. Driller's and sample logs in files of U.S. Geol. Survey.
B-150	W. A. Burt	.....	D	303	6	Mfp (?)	660	100	1- -56	Pv	D	...	4	258	
B-151	Clyde McRae	.....	D	66.3	6	Mg-Ms (?)	710	4.4	1-30-58	N	N	...	...	...	
B-152	H. C. Sharp.....	.....	D	100	6	Mt	700	60	1954	Tj	D	...	...	...	
B-153	C. G. Blackwell...	S. E. Miller ...	D	140	6	Mg	740	....	.....	Pv	D	...	4	320	
B-154	.....	.....	D	71.3	6	Mg	700	61.3	1-16-58	N	N	...	...	...	
B-155	Clay Kimbrel.....	.....	D	....	...	...	670	....	.....	...	...	...	18	260	
B-156	W. E. Kimbrel....	.....	D	55	6	Mt	633	20	.....	Tj	D	...	...	...	
B-157	G. H. Burt	.....	Du	41.5	36	Qu	627	6.0	1-16-58	N	N	...	...	...	
B-158	.... do	Hurst Machine Works.	D	100	6	Mt	632	30	6- -53	Tj	D,S	...	53	180	Casing: 6-in. to 48 ft. Bedrock at 40 ft.
B-159	H. K. Neville.....	-- Etheridge ...	D	71.0	6	Ms-Mt	670	18.8 26.4	3-20-56 1-16-58	M	D	63	4	26	
B-160	J. D. Sims	Hurst Machine Works.	D	196.6	6	Mt	815	19.4	1-29-58	...	...	...	...	...	
B-161	Van Watson	.....	D	195.3	6	Mt	815	6.7	.. do ..	...	...	...	...	...	
B-162	Betty Lile	.....	Du	33.8	36	Qu	624	16.1	2-24-58	M	D	61	32	126	
B-163	M. E. Hall	Crowe Drilling Co.	D	319	6	Mt	750	....	.....	Ts	D	...	18	530	
B-164	R. M. Goode	.... do	D	220	6	Mt	775	130	.....	Ts	D	...	...	...	Sulfurous.
B-165	G. H. Burt	Hurst Machine Works.	D	100.5	6	Ms	648	....	.....	...	...	...	...	...	Casing: 6-in. to 50.5 ft. Cavity at 69 to 69.3 ft.
B-166	W. E. Steed.....	.....	D	39.0	6	Mt	608	15.8	2-25-58	M	D	63	25	232	
B-167	L. E. Hurst.....	Hurst Machine Works.	D	54.5	6	Mt	611	11.4	1-16-58	M	D	62	18	230	
B-168	.... do	.....	Du	29.7	36	Qu	613	13.7	.. do ..	M	D	62	11	202	
B-169	J. Smith	.....	D	70	6	Mt	611	30	1955	Tj	D	...	...	...	Casing: 6-in. to 40 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-170	D. S. Hurst.	Hurst Machine Works.	D	85	6	Mt	607	15	5- -57	Tj	D	. . .	11	214	
B-171	Clyde McRae	. . . . .	D	45	6	Mt	588	10	1- 1-58	Tj	D,S	. . .	32	192	
B-172	Eva Morgan.	. . . . .	D	50	6	Mt	588	20	10- -57	Tj	D	. . .	46	258	
B-173	Henry Cater.	. . . . .	D	31.5	6	Qu	593	1.3	2-25-58	M	D	51	40	242	
B-174	Viola Brown.	. . . . .	D	43.7	6	Mt	602	14.3	. . do . .	M	D,S	63	53	146	
B-175	H. M. Pearson. . . .	. . . . .	D	24.0	6	Mt	595	9.6	. . do . .	M	D	60	89	310	
B-176	Robert Wiggins. . . .	. . . . .	D	29.5	6	Mt	596	8.5	2-24-58	M	D,S	60	82	190	Casing: 6-in. to 20 ft.
B-177	A. C. Lentz.	. . . . .	D	46.0	6	Mt	600	5.2	. . do . .	Tj	D	. . .	18	182	
B-178	M. R. Williams . . .	. . . . .	D	56.0	6	Mt	592	6.1	. . do . .	N	N	. . .	. . .	. . .	
B-179	Ida M. Montgomery .	. . . . .	D	38.7	6	Mt	601	5.9	. . do . .	M	D	59	18	264	Do.
B-180	Morgan Estate	. . . . .	Du	29.0	60	Qu	600	8.0	4- 9-58	M	D	. . .	. . .	. . .	
B-181	J. B. Sheats	. . . . .	D	70	6	Mt	595	20	6- -55	Tj	D,S	. . .	18	206	Casing: 6-in. to 15 ft. Trace of sulfur in water.
B-182	L. O. Smith.	. . . . .	Du	23	30	Qu	599	18	1956	Tj	D	. . .	117	230	
B-183	J. R. Sims	. . . . .	Du	32.0	36	Qu	614	14.0	4- 8-58	N	N	. . .	. . .	. . .	
B-184	. . . . do	. . . . .	Du	24	30	Qu	612	15	3- -57	Tj	D,S	. . .	18	116	
B-185	Barney's Pork House.	Hurst Machine Works.	D	82.3	6	Mt	595	28.4	1-10-58	Tj	Ind	62	. . .	. . .	Observation well. Casing: 6-in. to 35 ft. Supplies slaughter and packing house.
B-186	. . . . do	. . . . do	D	90.5	6	Mt	598	32.1	. . do . .	N	N	. . .	11	244	Casing: 6-in. to 42 ft.
B-187	L. L. Cooper.	. . . . .	Du	32.7	12	Qu	602	9.7	2-26-58	M	S	57	18	48	Casing: 12-in. to 35 ft.
B-188	. . . . do	Hurst Machine Works.	D	94.6	6	Mt	602	35.2	10- 6-58	M	D	64	7	147	Sample log in files of U.S. Geol. Survey.
B-189	Rice Bradford	. . . . .	Du	65	30	Qu	597	40	1955	Tj	D	. . .	. . .	. . .	
B-190	R. K. Alexander. . .	Michael Drilling Co.	D	66.0	6	Mt	602	.2	2-27-58	Tj	D,S	. . .	11	106	Casing: 6-in. to 44 ft.
B-191	L. L. Landers	. . . . do	D	43.9	6	Mt	598	4.3	. . do . .	Tj	D,S	. . .	11	116	

B-192	W. T. Kelly.	. . . . .	Du	30.7	48	Qu	615	2.8	. . do . .	Tj	D,S	55	32	66	
B-193	J. S. Kelley.	Crowe Drilling Co.	D	231	6	. . .	628	. . . .	. . . . .	. . .	. . .	. . .	. . .	. . .	
B-194	-- Adkins	. . . . .	D	201.9	6	Mfp (?)	602	18.7	4- 9-58	M	D	. . .	. . .	. . .	Sulfurous.
B-195	Tim Mitchel.	. . . . .	Du	10.2	36	Qu	606	.6	4- 8-58	M	D	52	25	72	
B-196	Dewey Millam	Theo Hill.	D	90	6	Mt	635	18	9- -57	Tj	D	. . .	17	180	Casing: 6-in. to about 40 ft.
B-197	A. V. Littrell	. . . . .	D	42.2	48	Qu	632	13.1	4- 2-58	Tj	D,S	. . .	32	56	
B-198	Troy Martin.	. . . . .	D	. . . .	. . .	Mt	622	. . . .	. . . . .	Tj	D	. . .	25	204	
B-199	R. C. Higgins	. . . . .	D	14.8	6	Mt	603	3.0	4- 7-58	M	N	. . .	25	64	
B-200	. . . . do	Hurst Machine Works.	D	54.6	6	Mt	608	6.0	4- 8-58	M	D	. . .	11	36	Casing: 6-in. to 50 ft.
B-201	Neal Cagle.	. . . . .	D	38.0	5	Mt (?)	612	7.2	2-11-59	Tj	D	62	18	130	
B-202	Meadows Corp	. . . . .	D	27.4	6	Mt	593	10.5	1-14-59	N	N	. . .	. . .	. . .	
B-203	C. N. Lott.	Hurst Machine Works.	D	123.1	6	Mt	605	11.4	2-11-59	N	N	. . .	. . .	. . .	Casing: 6-in. to 22 ft. Bedrock at about 20 ft.
B-204	J. W. Goode	. . . . do	D	72.0	6	Mt	616	5.7	4- 2-58	Tj	D	. . .	32	156	Casing: 6-in. to 40 ft.
B-205	S. F. Hosey.	. . . . do	D	54	6	Mt	617	12	10- -56	Tj	D	. . .	32	120	Do.
B-206	George Murphree . .	. . . . .	D	40	6	Mt	615	20	1945 (?)	Tj	D	. . .	18	40	
B-207	S. M. Rigel.	. . . . .	Du	27	30	Qu	618	15	8- -55	Tj	D	. . .	25	182	
B-208	B. D. Harvey	. . . . .	D	80	6	Mt	610	30	7- -56	Tj	D	. . .	. . .	. . .	
B-209	M. D. Wiley	. . . . .	D	75	6	Mt	610	40	8- -56	Tj	D	. . .	. . .	. . .	
B-210	Carl Schwuchow . . .	. . . . .	D	100	6	Mt	608	30	. . . . .	Tj	D	. . .	18	190	
B-211	Lamar Millwood . . .	Crowe Drilling Co.	D	81	6	Mt	612	. . . .	. . . . .	Tj	D	. . .	18	220	Casing: 6-in. to 43 ft.
B-212	J. E. Wiley.	Michael Drilling Co.	D	69	6	Mt	610	12.7	7-28-58	Tj	D	. . .	11	150	Casing: 6-in. to 22 ft.
B-213	L. E. Cagle.	E. G. Delashaw .	D	115	6	Mt	605	4.3	3-21-58	Tj	D	. . .	11	170	Casing: 6-in. to 68 ft. Bedrock at 66 ft. Sample log in files of U.S. Geol. Survey.
B-214	H. W. Fretwell . . .	. . . . .	Du	20.9	36	Qu	605	2.4	7-28-58	Tj	D	. . .	18	96	
B-215	Joe Beams.	. . . . .	D	112	6	Mt	605	20	7- -50	Tj	D	. . .	. . .	. . .	
B-216	Phil Mooney.	. . . . .	Du	25.0	30	Qu	617	10.6	4- 8-58	Tj	D,S	. . .	25	138	
B-217	W. C. Key.	. . . . .	D	47	6	Mt	600	30	1956	Tj	D	. . .	32	168	
B-218	Orban McMurry . . .	. . . . .	D	60	6	Mt	602	20	7- -54	Tj	D	. . .	18	120	Casing: 6-in. to about 50 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-219	J. R. Mooney, Jr. .	. . . . .	D	76	6	Mt	600	20	7- -56	Tj	D	. . .	18	142	
B-220	R. H. Taylor and A. L. Hunt.	. . . . .	D	. . . .	. . .	. . .	605	. . . .	. . . . .	. . .	. . .	. . .	18	140	
B-221	Jeff Cole.	. . . . .	D	. . . .	6	Mt	598	. . . .	. . . . .	Tj	S	. . .	11	160	
B-222	. . . . do	. . . . .	D	. . . .	6	Mt	612	. . . .	. . . . .	Tj	D,S	. . .	18	196	
B-223	J. D. Hitt	Hurst Machine Works.	D	41.9	6	Mt	608	4.1	3-27-58	Tj	D	. . .	11	180	Casing: 6-in. to 20 ft.
B-224	Decatur Nursery. . .	. . . . do	D	52	6	Mt	612	20	8- -53	Tj	D	. . .	18	180	Casing: 6-in. to 22 ft.
B-225	C. A. Blagburn . . .	. . . . do	D	65	6	Mt	610	20	7- -53	Tj	D	. . .	25	232	
B-226	Clinton White.	. . . . do	D	45	6	Mt	611	20	7- -50	Tj	D	. . .	25	350	Casing: 6-in. to 18 ft.
B-227	. . . . do	Crowe Drilling Co.	D	62.9	6	Mt	612	13.9	8-20-58	Tj	D	. . .	14	221	Casing: 6-in. to 15 ft. Bedrock at 13 ft. Driller's and sample logs in files of U.S. Geol. Survey.
B-228	Decatur Nursery. . .	Hurst Machine Works.	D	79	6	Mt	613	6	8- -54	Tj	D, Irr	. . .	11	166	Casing: 6-in. to 22 ft.
B-229	Clarence Stroup . . .	. . . . .	D	55.1	6	Mt	612	4.1	3-27-58	Tj	D	. . .	11	260	
B-230	J. H. Burks.	Copeland Drilling Co.	D	52	6	Mt	614	20	6- -50	Tj	D	. . .	18	274	
B-231	Edward White.	R. Johnson	D	41.6	6	Mt	598	4.2	4- 4-58	M	D,S	57	18	158	Casing: 6-in. to 15 ft.
B-232	C. M. White	Hurst Machine Works.	D	73	6	Mt	607	20	1943	Tj	D	. . .	25	318	Do.
B-233	Frances Mason. . . .	. . . . .	D	37.5	6	Mt	602	2.8	4- 4-58	Ph	D,S	. . .	11	178	Do.
B-234	Brittain Estate. . . .	. . . . .	D	37.1	6	Mt	618	9.2	. . do . .	M	D	57	18	136	
B-235	Ed C. White.	Hurst Machine Works.	D	250	6	Mt	810	75	6- -57	Ts	D	. . .	18	108	Sulfurous.
B-236	A. M. Cottrell. . . .	. . . . .	S	. . . .	. . .	Mg	750	. . . .	. . . . .	. . .	D,S	60	11	130	Unnamed spring. Estimated flow, 5-10 gpm on 2-27-58. Supplies 1 family and 25,000 broilers.
B-237	Eugene Sons.	Hurst Machine Works.	D	55	6	Mt	659	15	6- -55	Tj	D	. . .	18	282	Casing: 6-in. to 20 ft. Bedrock at 13 ft.

B-238	H. G. French	E. G. Delashaw .	D	75	6	Mt	655	24	7- 5-53	Tj	D	. . .	25	254	Casing: 6-in. to 25 ft. Sulfurous.
B-239	A. M. Cottrell....	.....	D	33.0	6	Ms	673	15.8	2-27-58	M	D	61	18	410	
B-240	Fred Smith	Hurst Machine Works.	D	38.1	6	Mh	800	21.9	4- 8-58	Tj	D	. . .	11	110	
B-241	J. D. Blankenship. .	.....	D	161.3	6	Mg-Ms	758	3.1	1-28-58	N	N	. . .	. . .	. . .	
B-242	K. D. Morgan	Hurst Machine Works.	D	32	6	Mh-Mg	750	20	8- -55	Tj	D	. . .	4	50	
B-243	.... do	.....	Du	8.3	36	Mh	750	.2	1-28-58	N	N	. . .	4	208	
B-244	Knox McRae.....	.....	D	56.1	6	Mg	770	50.0	1-27-58	M	D	62	4	24	
B-245	W. J. Nix	.....	D	81.3	6	Mg	835	57.0	. . do . .	M	D	. . .	4	16	
B-246	Clyde Petty	.....	Du	8	36	Mh	738	1	1- -58	Tj	D	. . .	. . .	. . .	
B-247	W. E. Farmer....	.....	Du	20	16	Mh	754	5	. . do . .	Pv	D, S	. . .	4	56	
B-248	E. H. McCaghren. .	Bill Little	D	28	6	Mh	775	18	8- -55	Tj	D	. . .	4	56	
B-249	Clyde Haley.....	.....	Du	15	36	Mh	768	5	1954	Tj	D	. . .	4	54	
B-250	Paul Coffey	.....	Du	50	48	Mh	795	35	4- -56	Tj	D	. . .	4	132	
B-251	.... do	.....	D	43.3	10	Mh	800	28.1	1-28-58	N	S	. . .	. . .	. . .	
B-252	T. H. Thrasher . . .	.....	Du	16.3	36	Mh	742	4.4	2-24-58	M	D	51	67	210	
B-253	Millbourn Millwood.	.....	Du	17.0	60	Mh	737	4.9	. . do . .	M	D	52	18	104	
B-254	Charles Murphy . . .	E. G. Delashaw .	D	99	6	Mg	733	30	1- -55	Tj	D	. . .	11	20	
B-255	Arthur Nix.....	.....	Du	13.8	48	Mh-Mg	744	3.0	3-12-58	M	D	. . .	. . .	. . .	
B-256	O. M. Parker	.....	Du	27.5	36x 48	Mh	730	4.1	2- 5-58	N	N	. . .	. . .	. . .	
B-257	Leo Henry.....	Crowe Drilling Co.	D	127	6	Mg	760	70	1954	Tj	D	. . .	11	60	Casing: 6-in. to 85 ft.
B-258	Ronald Puckett....	Hurst Machine Works.	D	130	6	Mg	760	35	6- -55	Tj	D	65	4	28	Casing: 6-in. to 50 ft.
B-259	Winnie Parker	.....	D	68.6	6	Mg	740	24.1	3-12-58	M	D	60	11	220	
B-260	Know McRae	.....	D	46.2	6	Mh	755	33.8	3-19-58	M	D	59	18	190	
B-261	F. P. Lamon.....	Crowe Drilling Co.	D	128	6	Mg	750	30	6- -56	Tj	D, S	. . .	11	72	
B-262	Willard Burt	Hurst Machine Works.	D	153.3	6	Mg	740	73.3	1-30-58	Tj	D	. . .	18	86	Casing: 6-in. to 20 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-263	A. C. Keenum	Crowe Drilling Co.	D	153	6	Mg	755	30	. . . . .	Tj	D	. . .	32	14	
B-264	W. C. Keenum	. . . . .	D	251.0	6	Mg (?)	820	110.5	3-19-58	N	N	61	18	63	
B-265	E. C. Sivley	Hurst Machine Works.	D	120	6	Mg	720	45	8- -55	Tj	D	. . .	11	46	Casing: 6-in. to 35 ft.
B-266	E. E. Hall.	. . . . .	D	47.7	6	Mh	780	32.9	3-19-58	M	D	62	32	86	
B-267	Melvin Hutson	. . . . .	S	. . . .	. . .	Mg	695	. . . .	. . . . .	. . .	D,S	59	25	86	Unnamed spring. Estimated flow, 40-50 gpm on 3-12-58.
B-268	D. W. Coker	. . . . .	D	81	6	Ms-Mt	700	40	. . . . .	Tj	D	. . .	67	422	
B-269	Bryan McAfee	. . . . .	D	. . . .	. . .	. . .	658	. . . .	. . . . .	Tj	D	. . .	25	286	
B-270	L. R. Jenkins	. . . . .	D	67	6	Mg	717	37	5- -48	Tj	D,S	. . .	11	88	
B-271	I. D. Cockrell	. . . . .	S	. . . .	. . .	Mg	685	. . . .	. . . . .	. . .	D,S	61	18	718	Unnamed spring. Estimated flow, 15-20 gpm on 3-12-58.
B-272	R. L. Lamon.	. . . . .	D	35	6	Mt	628	20	8- -48	Tj	D	. . .	53	346	
B-273	H. F. Bice	Hurst Machine Works.	D	47.5	6	Mt	653	13.1	3-27-58	Tj	D	64	8	127	Casing: 6-in. to 21 ft. Bedrock at 18 ft.
B-274	. . . . do	. . . . do	D	50.5	6	Mt	648	11.3	3-12-58	Tj	D	. . .	18	130	Casing: 6-in. to 42 ft.
B-275	G. F. Bice	. . . . do	D	39.8	6	Mt	641	6.9	3- 3-58	Tj	D	. . .	11	156	Do.
B-276	Glenn Wood	. . . . .	D	50	6	Mt	640	30	1950	Tj	D	. . .	25	196	
B-277	Jim Woodall.	Hurst Machine Works.	D	96.4	6	Mt	619	10.5	3-21-58	Ts	D,S, P	. . .	18	274	Casing: 6-in. to 20 ft. Supplies restaurant.
B-278	. . . . do	. . . . do	D	104	6	Mt	621	20	. . . . .	Tj	D,S, P	. . .	18	300	Do.
B-279	. . . . do	. . . . do	D	50.5	6	Mt	621	8.4	3-21-58	N	N	. . .	. . .	. . .	Casing: 6-in. to 20 ft.
B-280	Alvie Sapp.	. . . . .	D	66.6	6	Mt	639	1.6	2-28-58	M	D	57	53	223	Bedrock at 10 ft.
B-281	S. J. Woodall.	E. G. Delashaw .	D	. . . .	6	Mt	623	20	1945 (?)	Tj	N	. . .	. . .	. . .	Casing: 6-in. to 20 ft.

B-282	. . . . do	. . . . .	D	61.0	6	Mt	623	12.8	3-21-58	N	N	. . .	. . .	. . .	
B-283	Nora Woodall	Hurst Machine Works.	D	104	6	Mt	623	20	. . . . .	Tj	D	. . .	18	290	
B-284	W. F. Sapp	. . . . do	D	59.1	6	Mt	625	1.4	2-28-58	M	D	52	39	404	Casing: 6-in. to 10 ft. Bedrock at 10 ft. (?).
B-285	Bertha Ferrell	. . . . do	D	58.5	6	Mt	624	2.1	. . do . .	M	D	52	32	326	Casing: 6-in. to 11 ft.
B-286	J. S. Jones	Crowe Drilling Co.	D	110	6	Mt	627	21	10- 6-58	Tj	D	. . .	53	308	Casing: 6-in. to 25 ft. Driller's and sample logs in files of U.S. Geol. Survey.
B-287	J. .R. Vaughn	. . . . .	D	85	6	Mt	629	5	12- -55	Tj	D	. . .	18	248	
B-288	G. M. Russell	. . . . .	D	65.8	8	Mt	662	44.0	3- 3-58	N	N	. . .	. . .	. . .	
B-289	. . . . do	Hurst Machine Works.	D	144.6	6	Mt	661	43.7	. . do . .	Tj	D,S	62	25	332	Casing: 6-in. to 20 ft. Bedrock at 15 ft.
B-290	. . . . do	. . . . .	D	89.3	6	Mt	650	13.3	. . do . .	M	D	59	32	302	
B-291	. . . . do	. . . . .	D	57.6	6	Mt	650	24.6	. . do . .	M	D	62	18	390	Sulfurous.
B-292	Oliver Carter.	Hurst Machine Works.	D	55.3	6	Mt	630	10.0	3-19-58	. . .	. . .	. . .	. . .	. . .	
B-293	D. W. Coker	Crowe Drilling Co.	D	161	6	Mt	648	28	6- -56	Tj	D	. . .	18	310	Bedrock at 8 ft. Sulfurous.
B-294	. . . . do	E. G. Delashaw .	D	81.3	6	Mt	627	5.0	4- 2-58	. . .	. . .	. . .	. . .	. . .	Casing: 6-in. to 10 ft. Sample log in files of U.S. Geol. Survey.
B-295	. . . . do	. . . . .	D	60	6	Mt	633	25	6- -55	Tj	D	. . .	53	280	Casing: 6-in. to 5 ft. Bedrock at 4 ft.
B-296	Roy Grizzard	. . . . .	D	40.9	6	Mt	638	9.3	3- 3-58	M	D	58	138	482	Casing: 6-in. to 10 ft.
B-297	. . . . do	. . . . .	D	78.0	6	Mt	641	8.9	. . do . .	M	D,S	58	60	560	
B-298	. . . . do	. . . . .	D	100	6	Mt	636	20	1956	Tj	D,S	. . .	152	512	Casing: 6-in. to about 12 ft.
B-299	Roy Free.	. . . . .	D	65	6	Mt	635	20	. . . . .	Tj	D	. . .	195	476	Casing: 6-in. to 10 ft. Sulfurous.
B-300	Ted Coker	. . . . .	D	65	6	Mt	635	25	7- -55	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 5 ft. Bedrock at 3 ft.
B-301	Wallace Long	. . . . .	D	935	6	. . .	. . .	. . . .	. . . . .	. . .	. . .	. . .	. . .	. . .	Oil test hole. Reported to have flowed.
B-302	J. D. Praytor	Crowe Drilling Co.	D	76	6	Mt	650	41	9- -56	Tj	D,S	. . .	18	180	Casing: 6-in. to 18 ft.
B-303	F. G. Rhodes.	Hurst Machine Works.	D	78	6	Mt	645	20	1953	Tj	D,S	. . .	18	252	Casing: 6-in. to 15 ft.
B-304	. . . . do	Crowe Drilling Co.	D	86.8	6	Mt	651	29.2	9-30-58	M	D	64	8	206	Casing: 6-in. to 34 ft. Bedrock at 14 ft. Driller's and sample logs in files of U.S. Geol. Survey.
B-305	Elizabeth Morgan . .	Hurst Machine Works.	D	125	6	Mt	648	20	8- -53	Tj	D	. . .	82	480	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
B-306	C. C. Graves.	Hurst Machine Works.	D	94.0	6	Mt	653	12.3	3-11-58	Tj	D	. . .	110	480	Sulfurous.
B-307	Lucian White	. . . . do	D	56.6	6	Mt	660	22.2	4- 3-58	M	D,S	61	25	262	Casing: 6-in. to 6 ft.
B-308	Harrison Nelson. . .	A. G. Hare	D	102.9	6	Mt	645	19.4	9-30-58	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 5 ft. Bedrock at 2 ft. Sulfurous.
B-309	R. L. McCullough. .	Hurst Machine Works.	D	104	6	Mt	619	20	1950	Tj	D	. . .	18	276	Casing: 6-in. to 20 ft.
B-310	E. H. Turner.	. . . . .	D	60	6	Mt	622	12	7- -55	Tj	D,S	. . .	18	180	
B-311	Sam Pruett	. . . . .	D	76.2	6	Mt	626	11.0	4- 3-58	Tj	D,S	. . .	25	240	
B-312	M. L. Cagle	. . . . .	D	75	6	Mt	603	20	8- -54	Tj	D,S	. . .	11	252	Casing: 6-in. to 20 ft.
B-313	Gorman Braswell . .	. . . . .	D	75	4	Mt	653	10	1956	Tj	D,S	. . .	32	260	
B-314	R. G. Maner	. . . . .	S	. . . .	. . .	Mg (?)	676	. . . .	. . . . .	. . .	D,S	. . .	18	278	Unnamed spring. Estimated flow, 10 gpm on 4-4-58.
B-315	R. A. Sivley	Hurst Machine Works.	D	54.8	6	Mt	655	26.0	4- 4-58	M	D,S	63	11	230	Dry cavity at 20 ft.
B-316	J. L. Denby Estate.	. . . . .	D	46.5	6	Qu	658	31.7	. . do . .	M	N	63	25	312	
B-317	H. G. Leemon	Hurst Machine Works.	D	77.7	6	Mt	642	30	8- -57	Tj	D	. . .	18	134	Casing: 6-in. to 8 ft. Bedrock at 7 ft.
B-318	Prentiss H. Clark. .	Crowe Drilling Co.	D	69.7	8	Mt	596	2.8	2-11-59	N	N	. . .	. . .	. . .	
B-319	. . . . do	. . . . do	D	34.5	8	Ms-Mt	591	5.5	1-29-59	Tj Ts	D,S	62	25	170	Casing: 8-in. to about 22 ft. Bedrock at about 19 ft. Cavity from 30 to 34 ft. Drawdown 8 ft. after pumping 425 gpm for 24 hours. Supplies 21,000 laying hens.
B-320	. . . . do	. . . . .	S	. . . .	. . .	Ms (?)	585	. . . .	. . . . .	. . .	S	. . .	. . .	. . .	Known as Clark Spring. Reported minimum flow about 200 gpm. Water now diverted through an adjoining shallow well being pumped at about 1,000 gpm. Supplies fish hatchery.
B-321	E. Hobson Clark. . .	Crowe Drilling Co.	D	33.3	8	Ms-Mt	590	2.7	1-29-59	Tj	D	. . .	. . .	. . .	Casing: 8-in. to about 21 ft. Used to fill swimming pool.

B-322	Alabama Flour Mills	Hawley Dodson & Son.	D	119.7	6	Mt	615	66.8	9-29-60	T	S	62	4	156	Water from 87 to 89 ft. and from 99 to 100 ft. Drawdown 15.5 ft. after pumping 150 gpm for 24 hours. Probable yield more than 350 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
B-323	Colonial Rest Home.	Crowe Drilling Co.	D	176.6	6	Mt	610	43.2	8-28-58	Tj	P	. . .	14	96	Water from 148 to 150 ft. Drawdown 12 ft. after bailing 2,000 gallons. Sample and driller's logs in files of U.S. Geol. Survey.
B-324	G & W Asphalt	A. G. Hare	D	180.2	6	Mt	655	48.1	6-10-59	Tj	Ind	. . .	11	108	Sample log in files of U.S. Geol. Survey.
B-325	Paul Robinson	S. E. Miller . . .	D	182.1	6	Mt	740	118.9	10-30-59	Pv	D	. . .	7	288	Water at 167 ft. Bail test, 7 gpm.
B-326	R. T. Branum	Crowe Drilling Co.	D	142.7	6	Mt	670	54.6	9-30-59	Ts	D	. . .	11	314	Water at 127 ft. Sample log in files of U.S. Geol. Survey.
B-327	Elmer Hill.	. . . . do	D	246	6	Mt	775	140.4	8-15-59	Tj	D	. . .	11	266	Sample log in files of U.S. Geol. Survey.
B-328	J. D. Hitt	Elliott Drilling Co.	D	61.2	6	Mt	609	5.8	5-16-60	M	D	. .	11	276	Water at 27 ft. Sample log in files of U.S. Geol. Survey.
B-329	J. R. Sims	Hawley Dodson & Son.	D	111	6	Mt	600	8	2-19-61	Tj	D,S	62	. . .	. . .	Water from cavities from 86 to 87 ft. and from 107 to 111 ft. Driller's log in files of U.S. Geol. Survey.
B-330	Town of Trinity . . .	Michael Drilling Co.	D	165	8	Mt	660	15.5	3- 2-61	T	Pm	62	. . .	. . .	Sample and driller's logs in files of U.S. Geol. Survey.
C- 1	Rex Finley.	. . . . .	D	158	6	Mt	570	26	. . . . .	Pv	P	. . .	18	220	Water at 135 ft. Drawdown 104 ft. after pumping 10 min. Chemical analysis shown is for composite sample. Wells C-1 and C-2 supply 8 houses from connected system.
C- 2	. . . . do	Hurst Machine Works.	D	135	6	Mt	570	26	. . . . .	Tj	P	. . .	. . .	. . .	Do.
C- 3	Decatur Cotton Oil .	. . . . .	D	140	8	Mt	567	17.3	1-30-59	Tj	Ind	62	11	266	Well No. 2 in Spec. Rept. 16.
C- 4	W. P. Baugh	. . . . .	D	185	6	Mt	590	34.8	. . do . .	N	N	. . .	. . .	. . .	Veterans Adm. Bldg. Formerly used to supply hospital.
C- 5	Raymond Britain. . .	. . . . .	D	. . . .	6	Mt	585	17.8	1-14-59	Tj	D	. . .	18	86	Supplies 4 houses.
C- 6	Louisville & Nashville Railroad.	. . . . .	C	160.9	282, 9	Mt	574	19.6	12-15-55	N	N	63	. . .	. . .	Observation well. Dug to 39.8 ft.; brick cribbing to 39.8 ft. Casing: 9-in. to about 49 ft. Pumped 515 gpm; drawdown 14.3 ft. after 24 hours. Sulfurous. Electric log in files of U.S. Geol. Survey.
C- 7	Medical Arts, Inc . .	Adams-Massey Drilling Co.	D	220	10	Mfp	585	19.8	6-29-59	N	. . .	. . .	. . .	. . .	Sulfurous. Heat pump discharges into well.
C- 8	. . . . do	. . . . do	. . .	. . . .	. . .	Mfp	585	. . . .	. . . . .	T	A	. . .	. . .	. . .	Pumped 125 gpm. Supplies heat pump.
C- 9	Alabama Hosiery Mill.	F. L. Thompson	D	600	8	(?)	583	. . . .	. . . . .	T	. . .	64	. . .	. . .	Pumped 250 gpm.
C-10	Coca-Cola Co	Crowe Drilling Co.	D	220	8	Mt	572	20	. . . . .	T	Irr, A	. . .	39	260	Casing: 8-in. to 20 ft. Pumped 215 gpm; drawdown 6 ft. after $5\frac{1}{2}$ hours. Used for air conditioners and lawn sprinklers.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
C-11	Pet Milk Co.	. . . . .	D	185	8	Mt	577	. . . .	. . . . .	T	Ind	. . .	32	128	Supplies cooling system. Pumped 80 gpm.
C-12	All States Court . . .	. . . . .	D	. . . .	8	Mt	570	2.7	1-30-58	Tj	N	. . .	. . .	. . .	Supplied motel. Discontinued in 1958.
C-13	Hattie Williams . . .	. . . . .	Du	14.0	36	Qu	571	12.2	1-13-59	N	N	. . .	. . .	. . .	
C-14	J. L. Sims	. . . . .	D	48.0	6	Mt	585	7.2	1-14-59	N	N	. . .	. . .	. . .	
C-15	C. D. Sandlin.	. . . . .	D	104.9	6	Mt	601	13.1	1-13-59	N	N	. . .	. . .	. . .	
C-16	Huey Russell	. . . . .	D	49.4	6	Mt	596	20.3	. . do . .	M	D	62	11	120	
C-17	C. R. Bean	. . . . .	D	12.6	6	Qu	579	10.3	. . do . .	M	D	62	25	94	Insufficient for domestic use.
C-18	W. M. Nicholson . .	. . . . .	D	26	6	Mt (?)	572	17	. . . . .	Tj	D	. . .	18	130	Supplies 5 houses.
C-19	Decatur Country Club.	. . . . .	Du	27.0	30	Qu	571	16.5	4- 1-58	Ph	Irr	63	11	114	Pumped 130 gpm; drawdown 3.5 ft. after 6 hours. Used for swimming pool and golf course.
C-20	R. H. Dewey	. . . . .	Du	. . . .	36	Qu	565	. . . .	. . . . .	Tj	N	. . .	18	220	
C-21	Louis Nebrig	. . . . .	D	62	6	Mt	575	30	. . . . .	Tj	D	. . .	11	138	Supplies 2 houses.
C-22	Sam McClure.	Crowe Drilling Co. and Walter Miller.	D	142.0	6	Mt	635	80.8	2-12-58	Ts	D	. . .	18	134	Casing: 6-in. to 135.8 ft. 5-foot cavity at 137 ft. Pumped 50 gpm.
C-23	S. C. Owens	. . . . .	D	59.2	6	Mt	593	10.6	12- 5-57	N	D	65	11	180	
C-24	. . . . do	. . . . .	D	92	6	Mt	598	16.7	. . do . .	Tj	D,S	61	18	202	Casing: 6-in. to 50 ft.
C-25	J. A. Grantland . . .	. . . . .	D	48.5	6	. . .	662	22.5	12- 5-57	M	D	65	18	. . .	Heavy iron precipitate.
C-26	J. H. Owen	. . . . .	D	100	6	Mt	610	53.2	11-19-58	Tj	D	. . .	25	212	
C-27	Harrison Sharp. . . .	. . . . .	D	50.4	6	. . .	620	5.8	12- 5-57	M	D	65	32	40	
C-28	. . . . do	. . . . .	D	87.3	6	. . .	630	58.1	. . do . .	M	D	63	11	40	
C-29	. . . . do	. . . . .	D	67.6	6	. . .	604	33.2	. . do . .	M	D,S	62	18	130	
C-30	O. J. Atkins	. . . . .	D	47.1	6	Mt	602	19.9	. . do . .	M	D	65	11	208	
C-31	Clyde Hendrix	. . . . .	D	. . . .	6	Mt	680	35.5	12- 6-57	Tj	D,S	. . .	11	220	
C-32	. . . . do	. . . . .	D	46.8	6	Mt	580	15.7	. . do . .	N	N	. . .	. . .	. . .	

C-33	U.S. Geol. Survey .	Hawley Dodson & Son.	D	294.8	6	Mfp	570	19.1	7-17-59	N	. . .	64	135	18	Test well. Casing: 6-in. to 23 ft. Water at 241 ft. Pumped 55 gpm; drawdown 134 ft. after 10 minutes. Driller's, electric, and sample logs in files of U.S. Geol. Survey.
D- 1	Cleveland Sharp . . .	. . . . .	D	50	6	Mt	590	27.6	12- 6-57	N	N	. . .	. . .	. . .	
D- 2	. . . . do	. . . . .	D	48.2	6	Mt	590	10.1	. . do . .	M	D	. . .	11	170	
E- 1	Nell Crider	. . . . .	Du	20.9	84	Qu	570	5.8	3-27-58	Pp	D,S	61	18	52	Supplies saw mill.
E- 2	. . . . do	. . . . .	Du	38.7	36	Qu	590	28.0	3-28-58	N	N	. . .	. . .	. . .	
E- 3	Elton Brown.	. . . . .	Du	16.2	36	Qu	575	3.0	. . do . .	N	D	. . .	. . .	. . .	
E- 4	. . . . do	. . . . .	D	. . . .	6	Mt	570	4.5	. . do . .	Tj	D	64	18	138	
E- 5	Raymond Gaines . . .	. . . . .	D	89.4	6	Mt	630	34.1	. . do . .	M	D	61	18	200	
E- 6	Bradford Gardena . .	. . . . .	D	24.1	6	Mt	570	17.3	. . do . .	M	D	60	25	44	Insufficient for domestic supply.
E- 7	D. M. Dearman . . .	. . . . .	D	. . . .	6	Mt	570	12.6	. . do . .	Tj	D	63	39	134	
E- 8	Myrtle Sutton	. . . . .	Du	30.4	36	Qu	572	18.6	. . do . .	Ts	D	59	53	244	
E- 9	Modie Henderson . .	. . . . .	D	. . . .	6	Mt	565	6.4	. . do . .	Tj	D	63	18	64	
E-10	M. C. Belew	. . . . .	D	. . . .	6	Mt	570	13.9	. . do . .	Tj	D	63	74	90	Insufficient for domestic supply at times.
E-11	A. A. Spurlin.	Roy Bowling. . . .	D	125	6	Mt	582	14.4	. . do . .	Tj	D,S	63	82	176	Casing: 6-in. to 50 ft. Water at 125 ft. Insufficient for domestic supply.
E-12	Marvin L. Kent . . .	Crowe Drilling Co.	D	96	6	Mt	582	11.2	3-31-58	Tj	D	63	11	60	Water at 90 ft. Driller's and sample logs in files of U.S. Geol. Survey.
E-13	. . . . do	. . . . .	Du	29.0	36	Qu	585	7.1	. . do . .	M	D	60	11	42	
E-14	Audrey Henderson .	. . . . .	D	46.4	6	Ms-Mt	590	37.0	. . do . .	N	N	. . .	. . .	. . .	
E-15	Cecil Norman.	Roy Bowling. . . .	D	56	6	Ms-Mt	576	17	. . . . .	Tj	D	64	11	68	Casing: 6-in. to 18 ft. Water at 54 ft. Bedrock at 18 ft.
E-16	Donnie Norman. . . .	. . . . .	D	40.7	6	Ms-Mt	580	16.7	3-31-58	M	D	61	60	86	
E-17	Dan Black	. . . . .	D	. . . .	6	Ms-Mt	620	33.5	3-28-58	Tj	D	63	11	160	
E-18	Tom Black.	Roy Bowling. . . .	D	68.1	6	Ms-Mt	620	28.8	. . do . .	M	D	60	25	164	Insufficient for domestic supply at times.
E-19	T. B. Clay	. . . . .	Du	31.3	54	Qu	600	12.7	3-31-58	M	D	60	67	70	Do.
E-20	. . . . do	Roy Bowling. . . .	D	124.5	6	Mt	642	73.0	. . do . .	M	D	62	18	142	
E-21	Nell Crider	. . . . .	D	54.4	6	Ms-Mt	600	20.7	. . do . .	M	D	61	18	156	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
E-22	Nell Crider	. . . . .	D	75	6	Ms-Mt	605	. . . .	. . . . .	Pv	D	. . .	39	180	
E-23	Hugh Morrow.	. . . . .	Du	45	36	Qu	610	. . . .	. . . . .	Tj	D,S	. . .	. . .	. . .	Insufficient for domestic supply at times.
F- 1	Alvin Kay	Roy Bowling. . . .	D	51	6	Mt	585	17.0	3-27-58	Tj	D	64	25	190	
F- 2	Murray Wilson. . . .	. . . . .	Du	21.7	36	Qu	575	4.2	3-21-58	Ts	D	58	32	196	
F- 3	. . . . do	. . . . .	D	49.9	6	Mt	570	3.3	. . do . .	M	D	58	39	220	
F- 4	. . . . do	. . . . .	D	72.9	6	Mt	570	4.8	3-20-58	N	D	. . .	. . .	. . .	
F- 5	. . . . do	. . . . .	D	26.4	6	Ms-Mt	570	9.9	. . do . .	Tj	S	63	11	124	
F- 6	C. H. Boswell	. . . . .	S	. . . .	. . .	Ms-Mt	570	. . . .	. . . . .	. . .	D	64	11	110	Known as Rock Spring. Estimated flow, 60 gpm on 3-20-58.
F- 7	Ella Penny.	. . . . .	Du	27.8	36	Qu	575	9.3	3-21-58	M	D	60	18	58	
F- 8	C. H. Boswell Ins. Co.	Roy Bowling . . .	D	101.1	6	Ms-Mt	665	66.9	. . do . .	M	D	62	18	82	
F- 9	Marshall Franklin. .	Campbell Drilling Co.	D	133.0	6	Ms-Mt	700	101.1	. . do . .	M	D	63	25	188	
F-10	Carl Sparks	Glenn Campbell .	D	. . . .	6	Mg-Ms (?)	680	61.3	. . do . .	Tj	D	64	18	84	
F-11	Harold Freeman. . .	. . . . do	D	56	6	Mg	705	34.2	. . do . .	Tj	D	63	18	162	Insufficient for domestic supply at times.
F-12	Comer Brown.	Roy Bowling. . . .	D	165	6	Mt	583	. . . .	. . . . .	Tj	D	62	11	80	
F-13	Lenora Morris	. . . . do	D	87	6	Mt	575	6.9	3-21-58	Tj	D	62	11	214	Sulfurous.
F-14	. . . . do	. . . . do	D	101	6	Mt	594	40	. . . . .	Tj	D	63	18	292	Casing: 6-in. to 45 ft.
F-15	. . . . do	. . . . .	C	45.0	36, 6	Ms	611	24.9	3-27-58	M	D	61	18	186	Dry at times.
F-16	P. B. McCutchen . .	. . . . .	D	. . . .	6	Mg-Ms (?)	662	46.5	3-21-58	Tj	D	64	18	198	
F-17	Alvin Kay	Roy Bowling. . . .	D	. . . .	6	Mg (?)	663	. . . .	. . . . .	Ph	D,S	63	46	232	

F-18	Leon Lipscomb. . . .	J. W. James . . .	D	65	6	Mt	580	25	. . . . .	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 22 ft.
F-19	Guy Spencer.	Carl Abercrombie.	D	200	6	Mt	580	19.5	3-20-58	Tj	D	62	25	266	
F-20	Kendall Oil Co	. . . . .	D	400	6	Mt	580	21.7	. . do . .	Tj	P	64	18	280	Supplies service station.
F-21	G. W. Short.	Roy Bowling. . . .	D	72.2	6	Mt	580	7.3	3-27-58	M	D	62	18	246	Observation well.
F-22	G. W. Lamons	G. O. Burroughs	D	25.0	6	Ms-Mt	585	8.0	. . do . .	M	D	62	32	114	Casing: 6-in. to 18 ft.
F-23	Larnie Burton	Carl Abercrombie.	D	67	6	Ms-Mt	590	8	. . . . .	Tj	D	64	32	222	Water at 65 ft.
F-24	Laceys Spring School.	. . . . .	D	60	6	Ms-Mt	580	. . . .	. . . . .	Pp	Ps	64	25	72	
F-25	I. L. Arnold	Roy Bowling. . . .	D	265	6	Mt	602	32.2	12-22-55	Ts	D, P	63	18	250	Supplies 3 service stations and 2 houses.
F-26	B. F. Allison.	. . . . do	D	87	6	Mt	603	24.4	3-27-58	Tj	D	63	11	222	Casing: 6-in. to 30 ft.
F-27	M. L. Clark	. . . . .	Du	. . . .	36	Qu	603	. . . .	. . . . .	Tj	D	59	82	280	Insufficient for domestic supply at times.
F-28	C. T. Boyd	Roy Bowling. . . .	D	56	6	Mt	580	1.7	3-27-58	Ts	D	. . .	. . .	. . .	Casing: 6-in. to 50 ft. Supplies trailer park.
F-29	. . . . do	. . . . do	D	115	6	Mt	601	30	7- -57	Ts	D	64	32	192	Casing: 6-in. to 87 ft. Reported to pump 15 gpm for 28 hours; drawdown slight.
F-30	Gene Kay.	. . . . .	Du	19.7	36	Qu	592	6.7	4-28-58	M	D	61	96	80	
F-31	Lenora Morris	Roy Bowling. . . .	D	143.3	6	Mt	591	17.1	5- 8-58	N	D	63	14	108	Sample log in files of U.S. Geol. Survey.
G- 1	Idella Chunn.	. . . . .	D	66	6	Mt	570	26	. . . . .	Pv	D	62	25	252	Bedrock at 17 ft. Cavities connect with Tennessee River. Hand pump.
H- 1	Ed Chapman.	. . . . .	Du	29.8	36	Qu	570	19.4	3-20-58	Tj	D	. . .	. . .	. . .	
H- 2	Irene Walden	. . . . .	Du	43.1	36	Qu	580	26.8	. . do . .	M	D	62	18	112	
H- 3	M. R. Pepper	. . . . .	D	24.8	6	Qu	570	11.9	. . do . .	N	N	. . .	. . .	. . .	
H- 4	. . . . do	Carl Abercrombie.	D	80	6	Mt	570	11.9	. . do . .	Tj	D	60	39	272	
H- 5	Irene Walden	. . . . .	D	66.9	6	Mt	575	12.5	. . do . .	M	D	60	18	182	Water at 45 ft.
H- 6	Davis Chapman. . . .	. . . . .	Du	20.8	36	Qu	575	7.0	. . do . .	Tj	D	62	39	178	
H- 7	Joe Lipscomb	Roy Bowling. . . .	D	180	6	Mt	585	. . . .	. . . . .	Tj	D	. . .	18	304	
H- 8	Leo McCutcheon . . .	. . . . .	D	28.7	5	Qu	590	17.7	4- 4-58	N	D	. . .	. . .	. . .	Insufficient for domestic supply at times.
H- 9	Earl McCutcheon . .	. . . . .	D	60	6	Mt	578	21.1	. . do . .	Tj	D	. . .	46	242	Casing: 6-in. to 20 ft. Insufficient for domestic supply.
H-10	Leo McCutcheon . . .	. . . . .	D	76.7	6	Ms-Mt	600	40.3	. . do . .	M	D	62	39	76	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
H-11	Ella Vaughan	Curry Bros	D	57.0	6	Ms-Mt	600	23.3	4- 4-58	M	D	61	25	202	Supplies 4 families.
H-12	G. E. Crawford . . .	. . . . .	D	54.5	6	Ppv	1,210	41.4	. . do . .	M	D	63	32	36	
H-13	Loftin Prince	. . . . .	S	. . . .	. . .	Mb-Mh	620	. . . .	. . . . .	. . .	N	61	25	58	Known as Greenbrier Spring. Estimated flow, 100 gpm on 4-4-58.
H-14	. . . . do	J. J. Leach	D	84.5	6	Ppv	1,240	38.5	4- 4-58	N	D	. . .	. . .	. . .	Casing: 6-in. to 14 ft.
H-15	Cecil Prince	. . . . do	D	75	6	Ppv	1,240	41.1	. . do . .	M	D	61	18	46	Casing: 6-in. to 24 ft.
H-16	C. Jackson	. . . . .	D	16.8	6	Ppv	1,240	12.8	. . do . .	M	D	63	18	30	
H-17	Chester Lemley . . .	J. J. Leach	D	62	6	Ppv	1,260	23.9	. . do . .	Tj	D	. . .	18	30	
H-18	Gordon Gullion	. . . . do	D	67.9	6	Ppv	1,240	18.0	4- 8-58	M	D	63	11	66	
H-19	Leslie Wheeler. . . .	Roy Bowling. . . .	D	99	6	Ppv	1,262	39	. . . . .	Tj	D	. . .	. . .	. . .	
H-20	Lloyd Dean	J. J. Leach	D	52	6	Ppv	1,258	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
H-21	R. P. Steadham . . .	. . . . .	D	. . . .	6	Ppv	1,264	38.0	4- 8-58	Ts	D	62	18	90	
H-22	Gordon Gullion	J. J. Leach	D	80	6	Ppv	1,245	16.2	. . do . .	Tj	D	. . .	18	104	Insufficient for domestic supply at times.
H-23	Margaret Dean	. . . . do	D	39.1	6	Ppv	1,238	7.7	4- 9-58	M	D	56	18	60	
H-24	John Williams	Roy Bowling. . . .	D	123	6	Ppv	1,245	33	. . . . .	Tj	D	. . .	11	54	Water at 40 ft.
H-25	Eugene Ditto	. . . . .	Du	23.5	36	Ppv	1,235	5.7	4- 9-58	M	D	54	25	44	Insufficient for domestic supply at times.
H-26	. . . . do	R. H. Morgan . .	D	102.2	6	Ppv	1,235	17.7	5-26-58	N	N	. . .	. . .	. . .	
H-27	W. C. Williams . . .	Curry Bros. and Roy Bowling.	D	111	6	Ppv	1,245	. . . .	. . . . .	Pv	D, P	. . .	18	136	Supplies house and service station.
H-28	T. B. Cobb	J. J. Leach	D	56	6	Ppv	1,240	20	. . . . .	Tj	D	. . .	11	20	Casing: 6-in. to 16 ft.
H-29	Claire Griffin.	. . . . do	D	58.2	6	Ppv	1,190	18.9	4- 9-58	M	D	56	11	20	
H-30	J. O. Hughes	. . . . .	D	29.7	6	Ppv	1,178	2.9	. . do . .	M	D	56	11	22	Insufficient for domestic supply at times.
H-31	. . . . do	Carl Abercrombie.	D	80	6	Ppv	1,170	. . . .	. . . . .	Tj	D	. . .	11	40	
H-32	. . . . do	. . . . .	D	39.4	6	Ppv	1,170	13.6	4- 9-58	N	N	. . .	. . .	. . .	

H-33	. . . . do	. . . . .	D	54.8	6	IPpv	1,162	17.0	. . do . .	N	N	. . .	. . .	. . .	
H-34	J. J. Leach.	J. J. Leach. . . .	D	48.2	6	IPpv	1,184	20.4	4-11-58	M	D	57	11	38	Do.
H-35	. . . . do	. . . . do	D	67.9	6	IPpv	1,160	12.2	. . do . .	M	D	58	. . .	. . .	Do.
H-36	. . . . do	. . . . do	D	45.3	6	IPpv	1,160	20.4	. . do . .	M	D	58	11	84	Do.
H-37	T. E. Griffin.	. . . . .	D	31.8	6	IPpv	1,182	10.7	. . do . .	M	D	59	25	36	Do.
H-38[1]	J. J. Leach.	J. J. Leach. . . .	D	60	6	IPpv	1,185	26.7	4-10-58	Tj	D	. . .	18	28	Casing: 6-in. to 18 ft. Water at 45 ft.
H-39[1]	. . . . do	. . . . do	D	75	6	IPpv	1,185	27	. . . . .	Tj	D	. . .			Do.
H-40[1]	. . . . do	. . . . do	D	68	6	IPpv	1,185	26	. . . . .	Tj	S	. . .			Casing: 6-in. to 16 ft. Water at 50 ft.
H-41	. . . . do	. . . . do	D	60.5	6	IPpv	1,185	20.5	4-14-58	N	N	. . .	. . .	. . .	
H-42	. . . . do	. . . . do	D	42.4	6	IPpv	1,182	18.4	4-11-58	M	D	. . .	. . .	. . .	
H-43	. . . . do	. . . . do	D	24.2	6	IPpv	1,180	14.8	. . do . .	N	N	. . .	. . .	. . .	
H-44	. . . . do	. . . . do	D	112.5	6	IPpv	1,190	24.1	5- 7-58	Tj	P	. . .	. . .	. . .	Casing: 6-in. to 8 ft. Water at 85 ft. Insufficient supply for cafe.
H-45	. . . . do	. . . . do	D	120	6	IPpv	1,190	23.7	4-10-58	Tj	D, P	. . .	11	22	Supplies house and service station.
H-46	Gordon Gullion. . . .	Carl Abercrombie.	D	65	6	IPpv	1,196	25	. . . . .	Tj	D, P	. . .	18	44	Supplies house and grocery store.
H-47	J. J. Leach.	J. J. Leach. . . .	D	24.3	6	IPpv	1,185	5.0	4-11-58	M	D	58	18	50	
H-48	Albert Waldrop . . .	. . . . .	D	. . . .	6	IPpv	1,190	27.9	4-14-58	Tj	D	62	4	92	Supplies 4 houses.
H-49	. . . . do	. . . . .	D	. . . .	6	IPpv	1,188	. . . .	. . . . .	Tj	N	. . .	. . .	. . .	
H-50	Buzz Oil Co.	. . . . .	D	. . . .	6	IPpv	1,190	27.4	4-16-58	Tj	P	. . .	18	26	Supplies service station.
H-51	Wilda Blevins	. . . . .	D	. . . .	6	IPpv	1,200	24.6	. . do . .	Tj	D	63	18	16	
H-52	Post 243, American Legion.	. . . . .	D	. . . .	6	IPpv	1,195	18.7	. . do . .	Tj	P	. . .	. . .	. . .	Supplies community center.
H-53	J. H. Carter.	. . . . .	D	. . . .	6	IPpv	1,204	22.1	4-14-58	Tj	D	. . .	11	32	
H-54	. . . . do	J. J. Leach. . . .	D	. . . .	6	IPpv	1,200	. . . .	. . . . .	Tj	D	. . .	11	28	
H-55	Hub Ray	. . . . .	D	56.0	6	IPpv	1,198	21.2	4-14-58	N	N	. . .	. . .	. . .	
H-56	S. O. Goodson. . . .	Roy Bowling . . .	D	49	6	IPpv	1,182	11	. . . . .	Tj	D	. . .	11	38	
H-57	Gene Lemons.	. . . . .	D	44.8	6	IPpv	1,182	13.6	4-14-58	M	D	60	11	26	
H-58	W. P. Eddy.	Roy Bowling . . .	D	76	6	IPpv	1,180	. . . .	. . . . .	Tj	D, P	. . .	11	24	Supplies house and grocery store.

1/ Wells H-38, H-39, and H-40 are pumped simultaneously; connected by field lines to same tank; field analysis shown for H-38 is for composite sample.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
H-59	Leonard Lemons. . .	Carl Abercrombie.	D	111	6	IPpv	1,178	20	. . . . .	Tj	D	. . .	32	32	
H-60	Nora Metcalf.	J. J. Leach. . . .	D	47	6	IPpv	1,182	20	. . . . .	Tj	D	. . .	11	24	
H-61	Woodrow Gord. . . .	. . . . .	D	15	6	IPpv	1,185	. . . .	. . . . .	Tj	D	. . .	11	26	Dry at times.
H-62	J. P. Clark - B. Smith.	Curry Bros. . . .	D	62	6	IPpv	1,198	35	. . . . .	Tj	D	61	18	32	
H-63	W. Lipscomb.	J. J. Leach. . . .	D	60	6	IPpv	1,200	. . . .	. . . . .	Tj	D, P	62	25	24	Supplies cafe and one house.
H-64	Nora Metcalf.	Roy Bowling . . .	D	110	6	IPpv	1,195	35	. . . . .	Tj	D	63	18	52	
H-65	H. W. Slate.	. . . . do	D	36.1	6	IPpv	1,182	15.2	4-11-58	M	D	58	11	46	Insufficient for domestic supply at times.
H-66	. . . . do	. . . . do	D	. . . .	6	IPpv	1,182	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
H-67	. . . . do	. . . . do	D	. . . .	6	IPpv	1,178	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
H-68	M. B. Bray.	Calvin Walls . . .	D	21	6	IPpv	1,180	10.1	4-14-58	Tj	D	. . .	18	32	
H-69	T. L. Pike	Carl Abercrombie.	D	45.1	6	IPpv	1,184	7.7	4-11-58	M	D	56	82	68	
H-70	M. B. Bray.	O. Helms	D	26	6	IPpv	1,186	. . . .	. . . . .	Tj	D	. . .	11	22	Do.
H-71	Clara Griffin.	J. J. Leach. . . .	D	85.0	6	IPpv	1,195	15.7	4-10-58	Ph	D	. . .	4	20	
H-72	. . . . do	. . . . do	D	37.6	6	IPpv	1,225	17.7	. . do . .	N	N	. . .	. . .	. . .	
H-73	. . . . do	. . . . do	D	76.0	6	IPpv	1,225	18.1	. . do . .	Tj	D	. . .	11	108	
H-74	W. C. Williams . . .	Roy Bowling . . .	D	197.8	6	IPpv	1,250	18.0	4- 9-58	Tj	D	. . .	. . .	. . .	
H-75	. . . . do	. . . . .	Du	29.9	36	IPpv	1,250	20.6	4-10-58	Tj	D	63	53	40	Dry at times.
H-76	Joe Williams.	. . . . .	Du	. . . .	36	IPpv	1,222	11.6	4- 9-58	Tj	D	. . .	67	86	Do.
H-77	W. H. Thomas. . . .	Roy Bowling . . .	D	67.3	6	IPpv	1,182	13.8	4-11-58	M	D	58	4	32	
H-78	James Eddy.	. . . . do	D	60	6	IPpv	1,182	7.6	. . do . .	Tj	D	. . .	11	20	Casing: 6-in. to 20 ft.
H-79	Huey Eddy.	. . . . do	D	87.9	6	IPpv	1,205	21.3	. . do . .	M	D	58	17	26	Casing: 6-in. to 23 ft.
H-80	Joe Wilson	. . . . .	D	30.1	6	IPpv	1,205	16.0	. . do . .	M	D	57	39	36	Dry at times.

H-81	J. A. Hendrix	Calvin Walls . . .	D	58	6	IPpv	1,204	23.5	4-14-58	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 18 ft.
H-82	Walter Haney.	Curry Bros	D	65	6	IPpv	1,182	15.5	. . do . .	Tj	D	. . .	11	80	
H-83	Lula Couch	J. J. Leach. . . .	D	52	6	IPpv	1,180	. . . .	. . . . .	Tj	D	. . .	25	60	
H-84	Owen Edwards	Roy Bowling . . .	D	57.5	6	IPpv	1,180	28.1	4-10-58	M	D	61	18	36	
I- 1	Jack Kay.	. . . . .	D	. . . .	6	Ms-Mt	582	4.3	4-16-58	Tj	D	. . .	. . .	. . .	
I- 2	Thoni Oil Co	Roy Bowling . . .	D	. . . .	6	Ms-Mt	585	3.3	. . do . .	Ts	D, P	. . .	110	232	Supplies service station.
I- 3	B. K. Braly	. . . . do	D	46	6	Ms-Mt	584	12	. . . . .	Tj	D	. . .	25	210	
I- 4	Charles Dean.	. . . . .	D	60	6	Ms-Mt	587	11.9	4-17-58	Tj	D	. . .	39	190	Insufficient for domestic supply at times.
I- 5	G. M. Short	Roy Bowling . . .	D	69.7	6	Ms-Mt	600	18.7	. . do . .	M	D	60	67	222	Casing: 6-in. to 10 ft.
I- 6	J. H. Thomas	. . . . .	D	. . . .	6	Ms-Mt	610	29.6	. . do . .	Tj	N	. . .	. . .	. . .	
I- 7	. . . . do	. . . . .	D	. . . .	6	Mg-Ms	640	. . . .	. . . . .	. .	D	. . .	. . .	. . .	
I- 8	John Scott	. . . . .	D	. . . .	6	Mg-Ms	635	44.4	4-17-58	Pv	D	. . .	18	296	
I- 9	Raymond Simpkins .	. . . . .	D	83	6	Mg-Ms	618	21.9	. . do . .	Tj	D	. . .	11	222	
I-10	Elgin Smallwood. . .	. . . . .	D	66.2	6	Mg-Ms	630	15.5	. . do . .	N	N	. . .	. . .	. . .	
I-11	. . . . do	. . . . .	D	102	6	Mg-Ms	638	40	. . . . .	Tj	D	. . .	25	260	Supplies 4 houses.
I-12	James Partain	Roy Bowling . . .	D	115	6	Mg-Ms	625	36	. . . . .	Tj	D, P	. . .	82	310	Supplies service station and trailer park.
I-13	G. M. Short	. . . . .	D	60.1	6	Mg-Ms (?)	642	22.6	4-17-58	M	D	61	32	312	Supplies 4 houses.
I-14	Maudine Gram	Curry Bros	D	63.1	6	Mg-Ms	618	18.6	. . do . .	M	D	61	39	206	
I-15	Chas. Dean	. . . . .	D	54.4	6	Ms-Mt	600	17.2	. . do . .	N	N	. . .	. . .	. . .	
I-16	W. T. Dean.	Roy Bowling . . .	D	42.9	6	Ms	598	12.4	. . do . .	M	D	62	39	224	
I-17	J. K. Fennel	. . . . .	D	80	6	Ms-Mt	598	15	. . . . .	Tj	D	. . .	53	226	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-18	Evelyn Cobb.	Bill Lipscomb . .	D	125	6	Ms-Mt	638	. . . .	. . . . .	Tj	D	. . .	4	254	
I-19	B. K. Braly	. . . . .	D	65.6	6	Mg	735	61.7	4-18-58	N	N	. . .	. . .	. . .	
I-20	Lonnie Wilson	. . . . .	S	. . . .	. .	Mh	690	. . . .	. . . . .	Tj	D	56	11	28	Known as Old Rassom Spring. Estimated flow, 20 gpm on 4-18-58.
I-21	. . . . do	. . . . .	Du	45.6	36	Mh	710	35.3	4-18-58	M	D	61	11	40	
I-22	Clifford Elders. . . .	. . . . .	D	. . . .	6	Mg-Ms	630	. . . .	. . . . .	. . .	D	. . .	. . .	. . .	
I-23	Grady Womack. . . .	Roy Bowling. . . .	D	80	6	Mg-Ms	640	37.8	4-18-58	Tj	D	. . .	11	172	
I-24	Jack Grimes	. . . . .	D	73.9	6	Mg-Ms	625	27.0	. . do . .	M	D	64	11	178	
I-25	Carl Hough	. . . . .	Du	40.2	6	Qu	622	27.9	. . do . .	M	D	64	25	284	Dry at times. Dug 36 inches in diameter then cased with 6-inch casing and filled around outside.
I-26	Ruby Morrow.	. . . . .	D	51.2	6	Mg-Ms	630	27.4	. . do . .	Tj	D	. . .	4	282	
I-27	C. R. Boswell. . . .	Roy Bowling . . .	D	. . . .	6	Mg	612	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-28	. . . . do	. . . . .	Du	. . . .	36	Qu	608	. . . .	. . . . .	Pp	N	. . .	. . .	. . .	
I-29	. . . . do	. . . . .	D	43.7	6	Ms-Mt	592	9.6	4-18-58	M	D	61	18	172	
I-30	Elbert West.	. . . . .	D	60.3	6	Mg	683	49.6	. . do . .	M	D	62	18	122	Dry at times.
I-31	. . . . do	. . . . .	Du	34.5	36	Qu	610	19.1	. . do . .	M	D	62	11	48	Do.
I-32	C. R. Boswell. . . .	. . . . .	D	. . . .	6	Qu (?)	590	. . . .	. . . . .	Tj	D,S	65	11	86	
I-33	. . . . do	. . . . .	Du	20.1	36	Qu	578	5.8	4-21-58	M	D	56	11	64	Do.
I-34	. . . . do	. . . . .	Du	22.5	36	Qu	575	8.2	. . do . .	M	D	56	11	40	Do.
I-35	Ella Penny	. . . . .	S	. . . .	. .	Mg (?)	576	. . . .	. . . . .	. . .	N	61	11	188	Known as Linnick Spring. Estimated flow, 20 gpm on 4-21-58.

I-36	. . . . do	. . . . .	Du	33.5	24	Qu (?)	600	27.6	4-21-58	M	D	64	11	182	
I-37	Russell Shaw	Roy Bowling. . . .	D	150	6	Ms-Mt (?)	610	47.3	. . do . .	Ts	D	. . .	25	174	Insufficient for domestic supply.
I-38	M. O. Smith Mary Webb.	. . . . .	S	. . . .	. .	Mt	560	. . . .	. . . . .	. . .	N	61	11	110	Known as Damascus Spring. Estimated flow, 20 gpm on 4-21-58. No. 49, Spec. Rept. 16.
I-39	M. O. Smith	Roy Bowling . . .	D	320+	6	Mt	710	. . . .	. . . . .	Ts	D	. . .	4	192	Bedrock at 4 ft.
I-40	Lonzo Jackson	. . . . .	D	25.3	6	Mh	730	9.2	4-22-58	N	N	. . .	. . .	. . .	
I-41	Herb McCutcheon . .	Boyd McAnally . .	D	201	6	Mh-Mg	730	34.8	. . do . .	Pv	D	. . .	. . .	. . .	
I-42	James Tony	. . . . .	D	31.0	6	Mh	722	11.5	. . do . .	N	N	. . .	. . .	. . .	
I-43	. . . . do	. . . . .	D	23.5	6	Mh	722	12.3	. . do . .	N	N	. . .	. . .	. . .	
I-44	Lonzo Jackson	Calvin Walls . . .	D	65	6	Mh-Mg	735	56.2	4-23-58	Tj	D	. . .	11	34	
I-45	Irene Smith	. . . . .	D	57.0	6	Mh	663	30.2	. . do . .	M	D	63	11	62	
I-46	Chum McCutcheon. .	Roy Bowling. . . .	D	45.6	6	Mg	705	15.8	4-22-58	M	D	64	32	176	Water at 35 ft.
I-47	James McCutcheon .	. . . . .	D	57.4	6	Mg	710	46.2	. . do . .	M	D	64	4	154	Insufficient for domestic supply in fall.
I-48	Gervaice Lenox . . .	Roy Bowling. . . .	D	50	6	Mg	685	38	. . . . .	Ts	D	. . .	18	100	Casing: 6-in. to 45 ft. Water below 45 ft.
I-49	D. B. Day	. . . . .	D	53.9	6	Mh	720	16.1	5- 9-58	M	D	60	53	110	Insufficient for domestic supply in fall.
I-50	Owen Chunn	. . . . .	D	80.7	6	Mh-Mg	726	36.7	4-22-58	N	N	. . .	. . .	. . .	Insufficient for supply in summer.
I-51	. . . . do	Roy Bowling. . . .	D	197	6	Ms-Mt	712	122	. . . . .	Ts	D	. . .	18	116	
I-52	L. O. Smith.	. . . . .	D	50.2	6	Mh	720	29.1	4-22-58	M	D	64	11	64	Dry in fall.
I-53	Duke Caron	. . . . .	D	50.5	6	Mg	710	38.0	. . do . .	M	D	64	11	336	Insufficient for domestic supply in summer.
I-54	G. D. Lenox	Roy Bowling. . . .	D	128	6	Ms-Mt (?)	658	33.0	. . do . .	Tj	D	. . .	32	26	Casing: 6-in. to 12 ft. Sulfurous. Insufficient for domestic supply at times.
I-55	. . . . do	. . . . .	D	83.7	6	Mg	692	40.0	4-23-58	M	D	65	32	170	
I-56	W. B. Edwards . . .	. . . . .	D	59.1	6	Mg-Ms	628	32.5	. . do . .	M	D	60	11	186	
I-57	. . . . do	. . . . .	Du	18.7	36	Qu	636	13.9	. . do . .	M	D	60	18	200	Dry at times.
I-58	Owen West.	. . . . .	D	97.8	6	Mh	702	5.1	. . do . .	M	D	58	25	42	
I-59	Charles Schoulin. . .	. . . . .	D	274	6	Mt	702	150	. . . . .	Ts	D	. . .	. . .	. . .	Casing: 6-in. to 16 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-60	Charles Schoulin. . .	. . . . .	Du	11.4	36	Qu	702	1.9	4-23-58	Tj	D	. . . .	11	244	Dry at times.
I-61	T. S. Brown	Boyd McAnally. .	D	41.9	6	Mh	700	3.4	. . do . .	M	D	58	32	146	
I-62	Hubbard Jones	. . . . .	D	127	6	Mg-Ms	682	49.3	. . do . .	Tj	D	. . . .	18	122	
I-63	J. C. Jones.	. . . . .	Du	17.7	36	Qu	605	10.8	4-24-58	M	D	64	53	380	
I-64	Virgil Van Sandt. . .	. . . . .	D	80	6	Ms-Mt	581	12.3	4-25-58	Tj	D	. . . .	25	246	
I-65	Alva Thomas	Leon Miller. . . .	D	72.9	6	Ms-Mt	595	14.9	6-10-58	N	N	. . . .	. . .	. . .	
I-66	Lizzie Oaks.	. . . . .	Du	36.0	36	Qu	595	12.6	4-24-58	M	D	63	25	236	
I-67	G. M. Short.	Roy Bowling. . . .	D	109.8	6	Ms-Mt	598	36.8	11- 3-58	M	D	63	14	196	Sample log in files of U.S. Geol. Survey.
I-68	Preston Watson . . .	. . . . .	D	. . . .	6	Ms-Mt	595	20.8	4-24-58	Tj	D	. . . .	11	346	
I-69	Henry Thomas	. . . . .	D	. . . .	6	Ms-Mt	573	+ .1	. . do . .	Tj	D	. . . .	11	250	
I-70	Lizzie Oaks.	. . . . .	Du	9.2	48	Qu	572	.9	. . do . .	Tj	D	. . . .	11	236	
I-71	J. C. Jones.	. . . . .	Du	14.8	36	Qu	575	1.3	. . do . .	Tj	D	. . . .	32	250	
I-72	C. P. Prince.	. . . . .	D	. . . .	6	Mg-Ms	620	21.4	. . do . .	Tj	D	. . . .	4	210	Insufficient for domestic supply in summer.
I-73	George Keener. . . .	. . . . .	D	91.3	6	Mg-Ms	600	21.0	. . do . .	M	D	63	18	266	
I-74	J. W. Oaks	. . . . .	D	. . . .	6	Mg-Ms	586	4.0	4-28-58	Tj	D	. . . .	25	130	
I-75	J. H. East.	. . . . .	D	105	6	Mg-Ms	622	30.8	4-25-58	Tj	D	. . . .	11	172	
I-76	B. K. Braly.	Carl Abercrombie.	D	79.5	6	Mg	720	37.6	4-28-58	M	D	62	11	218	Bail test; reported yield, 2 gpm.
I-77	Walter Hough.	Boyd McAnally. .	D	65	6	Mg	725	28.4	. . do . .	N	N	. . . .	. . .	. . .	
I-78	Karl Hough	Roy Bowling. . . .	D	190	6	Mg-Ms	723	. . . .	. . . . .	Ts	D	. . . .	25	208	

I-79	.... do	.....	D	105.7	6	Mg	722	57.5	4-28-58	N	N	....	...	...	
I-80	.... do	.....	D	69.2	6	Mg	675	47.6	5- 1-58	M	D	61	11	170	
I-81	J. W. Black.....	.....	D	41.6	6	Mh	720	28.0	.. do ..	M	D	61	18	58	
I-82	G. O. Stidger.....	.....	D	160	6	Mg-Ms	708	54.9	.. do ..	Tj	D	....	11	168	
I-83	J. W. Black, Jr...	.....	D	....	6	Mg-Ms	715	....	.....	Pv	D	....	4	156	
I-84	Ila Bell.....	.....	D	46	6	Mh	703	16.4	5- 1-58	N	D	....	...	...	
I-85	Jim Caudle	Boyd McAnally..	D	50.7	6	Mh	705	20.5	.. do ..	M	D	61	18	72	
I-86	James McCutcheon .	Roy Bowling....	D	112.0	8	Mg-Ms	705	93.5	.. do ..	Pv	D	....	18	272	
I-87	G. L. Dunn	.....	D	145	6	Mg-Ms	705	46.6	4-28-58	Pv	D	....	11	194	
I-88	Robert Atkinson ...	.....	D	175	6	Mg-Ms	722	75	.....	Ts	D	....	...	...	
I-89	R. A. Gamble	H. A. Oden	D	138	6	Mg-Ms	710	75	.....	Tj	D	....	25	228	Bedrock at 25 ft. Insufficient for domestic supply at times.
I-90	Laceys Spring Grammar School.	.....	D	160	6	Mg-Ms	702	39.6	4-25-58	Pv	Ps	....	11	160	Supplies 140 students.
I-91	A. L. Beck	Boyd McAnally..	D	51.1	6	Mg	702	36.5	.. do ..	M	D	63	11	182	
I-92	Henry Thomas	.....	D	68.3	6	Mg-Ms	650	41.4	4-28-58	N	N	....	...	...	
I-93	W. C. Poe.....	Roy Bowling....	D	142.9	6	Mg-Ms	670	27.1	4-24-58	M	D	63	11	188	
I-94	Will Price.....	.... do	D	76.3	6	Mg	690	16.4	.. do ..	M	D	63	11	284	
I-95	Ed Bolden	.....	D	....	6	Mg	715	24.5	.. do ..	Tj	D	....	11	272	
I-96	T. O. Simmons ...	Roy Bowling Carl Abercrombie.	D	175	6	Mg-Ms	710	61.2	4-25-58	Ts	D	....	4	484	Sample log in files of U.S. Geol. Survey.
I-97	C. J. Ramey	Leon Miller....	D	178	6	Ms-Mt	710	108	.....	Tj	D	....	11	210	
I-98	O. D. Patrick	.... do	D	228	6	Mt	710	96.6	6- 2-58	Tj	D	....	11	218	Water at 220 ft.
I-99	E. W. Terrell	.....	D	140	6	Mg-Ms	702	64.1	4-28-58	Tj	D	....	11	126	
I-100	C. L. Stidger.....	.....	D	42	6	Mh-Mg	705	8.2	5- 2-58	Tj	D	....	60	90	
I-101	M. J. Hough	.....	D	103.2	6	Mg	702	79.9	4-28-58	M	D	61	39	200	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-102	J. W. Maples.	. . . . .	D	. . . .	6	Mg	687	. . . .	. . . . .	Tj	D	. . .	4	176	
I-103	D. Winfrey	. . . . .	D	. . . .	6	. . .	710	. . . .	. . . . .	Pv	D	. . .	. . .	. . .	
I-104	Augusta Winfrey. . .	Boyd McAnally. .	D	179	6	Mg-Ms (?)	705	50	. . . . .	Pv	D	. . .	11	180	
I-105	Elden Stidger.	Carl Abercrombie.	D	160	6	Mg-Ms	710	57.1	5- 2-58	Tj	D	. . .	11	142	
I-106	Walter Hough.	Roy Bowling. . . .	D	171	6	Mg-Ms	695	. . . .	. . . . .	Tj	P	. . .	11	124	Casing: 6-in. to 73 ft. Supplies service station. Sample log in files of U.S. Geol. Survey.
I-107	J. S. Bartee	. . . . .	Du	. . . .	36	Qu (?)	700	. . . .	. . . . .	Tj	D	. . .	53	146	Supplies 2 families.
I-108	. . . . do	. . . . .	S	. . . .	. .	Mg	620	. . . .	. . . . .	Tj	D	59	11	114	Known as Laceys Spring. Estimated flow, 500 gpm on 5-1-58. No. 50, Spec. Rept. 16.
I-109	J. G. Lipscomb . . .	Roy Bowling. . . .	D	251	6	Ms-Mt	715	110.1	5- 2-58	Tj	D	. . .	11	180	Casing: 6-in. to 10 ft.
I-110	. . . . do	. . . . .	D	47.5	6	Mg	715	41.9	. . do . .	N	N	. . .	. . .	. . .	
I-111	W. Lipscomb.	. . . . .	D	. . . .	6	Mg	705	57.5	. . do . .	Tj	D	. . .	18	194	
I-112	Owen Garrison. . . .	Roy Bowling. . . .	D	150	6	Ms-Mt	703	107.8	5- 7-58	Tj	D	. . .	11	194	
I-113	J. E. Entrekin. . . .	. . . . .	Du	15.1	36	Qu (?)	719	3.8	5- 2-58	N	N	. . .	. . .	. . .	
I-114	Grace Edgemon . . .	Alabama Highway Dept.	D	258	6	Ms-Mt	735	100	. . . . .	Tj	P	. . .	11	252	Supplies trailer park and service station.
I-115	Benny Kay.	Roy Bowling. . . .	D	194.0	6	Ms-Mt	705	108.4	10- 6-58	Ts	D	. . .	16	346	Sample log in files of U.S. Geol. Survey.
I-116	Irving Whittaker. . .	. . . . do	D	200	6	Mg (?)	718	15	. . . . .	Tj	D	. . .	11	222	
I-117	. . . . do	. . . . do	D	300	6	. . .	798	96.2	5- 2-58	N	N	. . .	. . .	. . .	
I-118	. . . . do	. . . . .	D	77.0	6	Mb	798	44.6	. . do . .	N	N	62	18	254	Sulfurous.
I-119	R. C. Whisenant. . .	Roy Bowling. . . .	D	69	6	IPpv	1,250	35	. . . . .	Tj	D	. . .	11	. . .	Casing: 6-in. to 6 ft.

I-120	J. C. Edwards....	....do.....	D	110	6	IPpv	1,248	17.6	5- 7-58	Tj	D	...	25	40	Casing: 6-in. to 12 ft.
I-121	....do.....	.....	Du	12	36	IPpv	1,248	5.0	..do..	N	N	...	...	...	
I-122	....do.....	Roy Bowling....	D	26.6	6	IPpv	1,240	3.7	..do..	M	D	60	11	22	
I-123	Charlie Baker	....do.....	D	75	6	IPpv	1,260	22.8	..do..	Tj	D	...	11	28	Casing: 6-in. to 4 ft.
I-124	James Lipscomb...	.....	S	....	..	Mb	698	....	.....	..	D	58	4	136	Known as Lipscomb Spring. Estimated flow, 100 gpm on 4-28-58.
I-125	Henry Edwards....	Calvin Walls ...	D	45.1	6	IPpv	1,270	15.4	5- 7-58	M	D	60	32	50	Casing: 6-in. to 10 ft.
I-126	....do.....	.....	Du	26.6	36	IPpv	1,238	9.4	..do..	M	D	59	11	26	Insufficient for domestic supply at times.
I-127	Chloe O'Neal	.....	Du	17.1	36	Qu	620	1.7	5- 9-58	Tj, F	D	60	11	154	Estimated flow, 10 gpm 8-10 months each year.
I-128	....do.....	.....	Du	27.6	36	Qu	662	17.0	5- 8-58	M	D	59	11	36	
I-129	Aline Walden	.....	S	....	..	Mb	650	....	.....	..	N	59	11	186	Known as Walden Spring. Estimated flow, 20 gpm on 5-20-58.
I-130	....do.....	.....	S	....	..	Mb	635	....	.....	..	N	59	4	180	Known as Spout Spring. Estimated flow, 150 gpm on 5-20-58.
I-131	Calley Brown.....	.....	D	23.9	6	Mg	656	12.4	4-23-58	N	D	...	...	...	
I-132	J. R. Barnett.....	Roy Bowling....	D	80	6	Mg	708	10.7	5- 9-58	Tj	D	...	11	270	
I-133	Irene Smith	.....	D	34.5	6	Mh	702	10.8	..do..	M	D	60	25	72	
I-134	C. C. Jennings....	Calvin Walls ...	D	21.0	6	Qu	684	6.1	5-15-58	M	D	59	67	262	Casing: 6-in. to 18 ft.
I-135	Nathan Thompson..	.....	D	80	6	Mh-Mg	705	68.0	5- 9-58	Tj	D	...	11	54	
I-136	Modie Smith.....	Roy Bowling....	D	175	6	Mg	714	....	.....	Pv	D	...	18	178	
I-137	J. M. Chunn	.....	Du	33.1	36	Qu	720	28.6	5-15-58	M	D	59	138	86	
I-138	....do.....	.....	D	38	6	Mh	720	37.3	..do..	N	N	...	...	...	
I-139	....do.....	.....	Du	34.4	36	Qu	706	30.2	..do..	M	D	59	...	228	
I-140	Tom Russell	.....	Du	48.3	36	Mh	692	40.4	..do..	N	N	...	...	...	
I-141	Cornell Jennings...	.....	D	....	6	Mh	675	....	.....	..	D	...	...	...	
I-142	Elisha Weaver	.....	Du	20.0	36	Qu	672	4.3	5-15-58	Tj	D	...	82	66	
I-143	J. J. Giers	.....	S	....	..	Mh-Mg	570	....	.....	..	N	60	18	68	Known as Spout and Valhermosa Spring. Estimated flow, 50 gpm on 5-15-58. No. 51, Spec. Rept. 16.
I-144	J. M. Chunn	Roy Bowling....	D	160.0	6	Mg	660	52.7	10- 9-58	Tj	D	...	25	8	Sample log in files of U.S. Geol. Survey.
I-145	....do.....	.....	D	55	6	Mg	660	20	.....	Tj	D	...	18	624	No. 21, Spec. Rept. 16.
I-146	Leon Chunn	Calvin Walls ...	D	59.0	6	Mg	662	54.6	5-20-58	M	D	63	25	142	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-147	E. K. Chunn	. . . . .	D	. . . .	6	Mg	655	. . . .	. . . . .	M	D	. . .	. . .	. . .	
I-148	D. B. Day, Sr	Roy Bowling. . . .	D	132	6	Mg	658	. . . .	. . . . .	Ts	D	. . .	32	232	Water at 100 ft. Sulfurous. Bail test; reported yield, 15 gpm.
I-149	. . . . do	Boyd McAnally. .	D	100	6	Mh-Mg	662	40	. . . . .	Pv	D	. . .	25	78	
I-150	. . . . do	. . . . .	D	40	6	Mh	662	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-151	J. J. Giers	. . . . .	D	130	6	Mh	638	. . . .	. . . . .	Tj	D	. . .	46	70	Sulfurous.
I-152	. . . . do	Roy Bowling. . . .	D	99.2	6	Mh	648	34.7	5-16-58	M	D	63	11	58	
I-153	W. L. Watson.	. . . . .	D	22.5	6	Mh	665	10.9	. . do . .	M	S	63	. . .	. . .	Insufficient for stock in summer.
I-154	. . . . do	Curry Bros	D	99	6	Mh	665	. . . .	. . . . .	Tj	D	. . .	333	756	Water at 40 ft.
I-155	Irene Smith	. . . . do	D	153	6	Mg	658	. . . .	. . . . .	Tj	D	64	46	32	Sulfurous.
I-156	P. R. Thomas	Boyd McAnally. .	D	141	6	Mg-Ms	662	90	. . . . .	Tj	D	. . .	25	230	
I-157	. . . . do	. . . . do	D	103	6	Mh	662	3	. . . . .	N	N	. . .	. . .	. . .	
I-158	. . . . do	. . . . .	D	55	6	Mh	658	6	. . . . .	Tj	D	. . .	167	828	
I-159	Owen Chunn.	. . . . .	D	26.6	6	Mh	662	11.6	5-20-58	N	N	. . .	. . .	. . .	
I-160	Hubbard Jones	. . . . .	D	. . . .	6	Mh	662	. . . .	. . . . .	Ph	D	. . .	18	52	
I-161	Ola Givens.	. . . . .	D	74.5	6	Mh-Mg	662	35.6	5-16-58	M	D	63	89	198	Dry in summer.
I-162	Mattie Thomas	. . . . .	D	55.1	6	Mh-Mg	662	34.3	. . do . .	M	D	63	46	254	
I-163	. . . . do	. . . . .	Du	39.6	36	Mh	660	38.5	. . do . .	M	D	63	32	112	Insufficient for domestic supply in fall 1957.
I-164	Luther McAnally. . .	. . . . .	Du	19.3	36	Qu	706	4.8	5-21-58	N	N	. . .	. . .	. . .	
I-165	Ernest Bramlett. . .	. . . . .	Du	21.0	36	Qu	680	10.7	. . do . .	Tj	D	. . .	160	288	Insufficient for domestic supply in fall.
I-166	Les Watkins.	. . . . .	Du	22.5	36	Qu	678	5.2	. . do . .	M	D	61	18	196	
I-167	Eddie Ray	. . . . .	D	56.7	6	Mh	666	.4	6- 6-58	M	D	64	18	36	
I-168	MacKinley Williams	. . . . .	D	55.3	6	IPpv	1,268	38.8	6- 5-58	M	D	64	18	22	Insufficient for domestic supply during dry seasons.

I-169	Calley Brown.....	.....	D	33.9	6	IPpv	1,262	11.0	..do..	M	D	64	32	102	Do.
I-170	....do.....	J. J. Leach....	D	61.7	6	IPpv	1,238	21.9	..do..	M	D	64	11	86	
I-171	Buford Brown.....	....do.....	D	49.1	6	IPpv	1,255	24.4	..do..	M	D	64	11	48	
I-172	Bant Edwards.....	.....	Du	27.0	36	IPpv	1,240	18.4	..do..	M	D	63	25	40	
I-173	W. H. Black	.....	S	....	..	Mb	640	....	.....	..	N	63	18	200	Known as Cooter Terrell Spring. Estimated flow, 50 gpm on 6-25-58.
I-174	Sidney Benefield...	.....	S	....	..	Mb	640	....	.....	..	N	63	18	168	Known as Benefield Spring. Estimated flow, 25 gpm on 6-25-58.
I-175	W. R. Vandiver...	.....	S	....	..	Mb	670	....	.....	Tj	D	64	11	160	Unnamed spring. Estimated flow, 50 gpm on 6-25-58.
I-176	Z. J. Hill	Ed Thomas	D	48	6	IPpv	1,242	22.8	5- 8-58	Tj	D	...	18	26	Dry in fall.
I-177	E. V. Lamb.....	Roy Bowling....	D	70	6	IPpv	1,210	25	.....	Tj	D	...	25	56	
I-178	H. E. Kennemur...	.....	D	25	6	IPpv	1,207	14.9	5- 8-58	Pp	D	...	11	78	
I-179	J. H. Tucker.....	Fred Fowler ...	D	103	6	IPpv	1,264	25	.....	Tj	D	...	11	24	Insufficient for domestic supply in summer.
I-180	J. S. Berry.....	Billy Campbell..	D	159	6	IPpv	1,262	49	.....	Tj	D	...	18	44	
I-181	....do.....	Roy Bowling....	D	45	6	IPpv	1,262	....	.....	Tj	D	...	...	...	Dry at times.
I-182	Leona Smallwood ..	....do.....	D	94	6	IPpv	1,262	69	.....	Tj	D	...	...	...	
I-183	H. E. Kennemur...	....do.....	D	93	6	IPpv	1,250	52.9	5- 8-58	Pv	D	...	4	62	
I-184	W. H. Black	....do.....	D	80	6	IPpv	1,262	....	.....	N	N	...	...	...	
I-185	A. V. Thomas	J. J. Leach....	D	50	6	IPpv	1,285	20.4	5-22-58	Tj	D	...	46	54	
I-186	P. O. Yancey.....	Cooter Terrell..	D	40	6	IPpv	1,285	28	.....	Tj	D	...	124	68	
I-187	W. W. Nappier....	.....	D	44	6	IPpv	1,283	29.3	5-22-58	Tj	D	...	39	42	
I-188	P. O. Yancey.....	.....	S	....	..	IPpv	1,225	....	.....	..	S	59	18	60	Unnamed spring. Estimated flow, 10 gpm on 5-22-58.
I-189	Ernest Bramlett...	J. J. Leach....	D	67.5	6	IPpv	1,270	47.5	5-28-58	M	D	61	32	70	Insufficient for domestic supply in fall.
I-190	W. S. Tyler.....	Calvin Walls ...	D	52	6	IPpv	1,239	29.3	5-22-58	Tj	D	...	18	38	No. 22, Spec. Rept. 16.
I-191	H. D. Hamilton ...	Billy Campbell..	D	89.4	6	IPpv	1,220	12.2	..do..	..	..	...	...	...	Driller's log in files of U.S. Geol. Survey.
I-192	....do.....	.....	D	37	6	IPpv	1,210	....	.....	Tj	D	...	11	28	
I-193	V. V. Whisenant...	.....	D	113.7	6	IPpv	1,248	33.1	5-23-58	M	D	63	25	48	
I-194	....do.....	Roy Bowling....	D	167	6	IPpv	1,235	....	.....	Pv	D	...	11	34	
I-195	....do.....	Carl Abercrombie.	D	133.8	6	IPpv	1,240	25.8	5-29-58	..	..	...	...	...	Bedrock at 8 ft. Water at 42 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-196	V. V. Whisenant. . .	Roy Bowling. . . .	D	85	6	IPpv	1,242	. . . .	. . . . .	Tj	D	. . .	11	64	
I-197	. . . . do	. . . . .	D	72.5	6	IPpv	1,260	46.3	5-23-58	M	D	63	4	48	
I-198	. . . . do	. . . . .	D	31.9	6	IPpv	1,282	13.6	. . do . .	M	D	63	337	92	No. 23, Spec. Rept. 16.
I-199	W. O. Hendrix. . . .	Roy Bowling. . . .	D	93	6	IPpv	1,268	. . . .	. . . . .	Tj	D	. . .	18	36	
I-200	Georgia Pritchett. .	. . . . .	S	. . . .	. .	IPpv	1,250	. . . .	. . . . .	. .	D	64	11	26	Known as Rock Spring. Estimated flow, 10 gpm on 5-23-58.
I-201	H. W. Brooks	Carl Abercrombie.	D	70	6	IPpv	1,290	17.0	5-27-58	Tj	D	. . .	11	70	
I-202	E. L. Thomas	Roy Bowling. . . .	D	51	6	IPpv	1,282	15.1	5-23-58	M	D	61	53	42	
I-203	J. A. Purchett. . . .	Ed Thomas	D	62.0	6	IPpv	1,282	14.2	5-27-58	M	D	63	32	90	Insufficient for domestic supply.
I-204	. . . . do	J. J. Leach. . . .	D	75	6	IPpv	1,282	47.0	. . do . .	M	D	63	11	100	
I-205	Felton Hendrix. . . .	Roy Bowling. . . .	D	85	6	IPpv	1,245	45.3	5-28-58	Tj	D	. . .	11	86	
I-206	Lillie McClure. . . .	. . . . .	D	61.0	6	IPpv	1,280	17.2	5-27-58	M	D	63	11	34	
I-207	MacKinley Whisenant.	Roy Bowling. . . .	D	118	6	IPpv	1,260	. . . .	. . . . .	Tj	D	. . .	11	98	
I-208	R. N. Carroll	. . . . .	D	89.6	6	IPpv	1,275	49.6	5-27-58	N	N	. . .	. . .	. . .	
I-209	. . . . do	Curry Bros	D	120	6	IPpv	1,275	. . . .	. . . . .	Tj	D	. . .	11	114	
I-210	D. A. Hipps.	. . . . .	D	. . . .	6	IPpv	1,265	. . . .	. . . . .	Tj	D	. . .	18	52	
I-211	. . . . do	. . . . .	D	94.0	6	IPpv	1,260	55.2	5-27-58	M	D	64	25	66	
I-212	T. Berisford	. . . . .	D	. . . .	6	IPpv	1,255	14.8	5-23-58	Tj	D	. . .	18	124	
I-213	. . . . do	. . . . .	D	39.1	6	IPpv	1,260	16.8	. . do . .	M	D	63	96	48	
I-214	Alley Kinney	J. J. Leach. . . .	D	52	6	IPpv	1,241	24	. . . . .	Tj	D	. . .	11	26	
I-215	. . . . do	. . . . .	D	49.4	6	IPpv	1,221	29.5	5-23-58	Tj	D	60	11	90	
I-216	. . . . do	. . . . .	D	29.2	6	IPpv	1,219	15.6	. . do . .	M	S	60	181	150	
I-217	Vera Bowling.	. . . . .	D	38.0	6	IPpv	1,240	20.6	5-27-58	M	D	64	138	58	
I-218	Ora Lawrence	J. J. Leach. . . .	D	85	6	IPpv	1,268	. . . .	. . . . .	Tj	D	. . .	11	32	

I-219	Loyd Dean	Curry Bros	D	124	6	IPpv	1,262	. . . .	. . . . .	N	N	62	14	30	Water from 110 to 115 ft. Sample log in files of U.S. Geol. Survey.
I-220	Horace Dean	. . . . .	D	27.8	6	IPpv	1,262	14.7	5-28-58	M	D	61	53	92	
I-221	J. W. Light	. . . . .	D	. . . .	6	IPpv	1,243	. . . .	. . . . .	Tj	D	. . .	11	30	
I-222	. . . . do	. . . . .	D	. . . .	6	IPpv	1,280	. . . .	. . . . .	Tj	D	. . .	53	50	
I-223	W. E. Yancey	. . . . .	D	. . . .	6	IPpv	1,300	. . . .	. . . . .	Tj	D	. . .	32	42	
I-224	Ralph Hill	J. J. Leach	D	91	6	IPpv	1,283	. . . .	. . . . .	Tj	D	. . .	11	82	
I-225	-- Hornbuckle	. . . . do	D	155	6	IPpv	1,283	67.0	5-28-58	Tj	D	. . .	18	156	
I-226	J. R. Flack	. . . . .	D	50	6	IPpv	1,285	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-227	Lester Johnston . . .	J. J. Leach	D	51	6	IPpv	1,285	33.0	5-29-58	Tj	D	. . .	67	70	Water at 20 ft.
I-228	Elbert Terrell	Curry Bros	D	91	6	IPpv	1,265	. . . .	. . . . .	Tj	D	. . .	4	60	
I-229	Francis Tyler	Roy Bowling. . . .	D	66	6	IPpv	1,262	23.6	5-29-58	M	D	61	82	62	
I-230	M. C. Whisenant . . .	. . . . do	D	94	6	IPpv	1,245	13	. . . . .	Tj	D	. . .	11	50	
I-231	Huey Yancey	. . . . .	D	43.5	6	IPpv	1,270	34.9	5-28-58	M	D	61	96	44	Insufficient for domestic supply during dry seasons.
I-232	. . . . do	Cooter Terrell . .	D	61.8	6	IPpv	1,270	17.9	. . do . .	N	D	. . .	. . .	. . .	
I-233	Wise Tyler	Curry Bros	D	68	6	IPpv	1,262	15.4	5-29-58	Tj	D	. . .	11	44	
I-234	H. F. Brooks.	Carl Abercrombie.	D	62.0	6	IPpv	1,282	27.3	6- 2-58	M	D	63	11	26	
I-235	J. O. Abercrombie . .	. . . . do	D	50.9	6	IPpv	1,290	19.0	. . do . .	M	D	. . .	11	100	
I-236	Burge Tucker.	. . . . .	Du	29.4	36	IPpv	1,303	13.6	6- 3-58	M	D	. . .	46	34	
I-237	. . . . do	. . . . .	D	50.3	6	IPpv	1,303	29.0	. . do . .	M	D	64	32	56	
I-238	D. G. Lawrence . . .	J. J. Leach	D	50	6	IPpv	1,262	22.0	. . do . .	Tj	D	. . .	11	46	
I-239	H. E. Dupree, Sr . .	Carl Abercrombie.	D	60	6	IPpv	1,258	8	. . . . .	Ts	D	. . .	11	40	Water at 30 and 50 ft. Reported yield, 10 gpm.
I-240	A. B. Tucker.	. . . . .	D	49.2	6	IPpv	1,260	28.2	6- 3-58	M	D	64	11	38	
I-241	Henry Brooks.	Carl Abercrombie.	D	55.5	6	IPpv	1,282	29.6	6- 2-58	M	D	63	11	40	
I-242	. . . . do	. . . . do	D	52.1	6	IPpv	1,250	18.0	. . do . .	N	D	. . .	. . .	. . .	
I-243	. . . . do	. . . . do	D	87.0	6	IPpv	1,245	48.3	. . do . .	M	D	63	11	112	
I-244	Harold Brooks	Roy Bowling. . . .	D	. . . .	6	IPpv	1,255	. . . .	. . . . .	Tj	D	. . .	11	46	
I-245	B. L. Lamons	. . . . .	Du	20.5	36	IPpv	1,315	8.9	6- 5-58	M	D	63	32	74	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-246	B. L. Lamons	Roy Bowling. . . .	D	200	6	IPpv-Mp	1,315	120	. . . . .	Ts	D	. . .	11	88	
I-247	P. Nielson.	Carl Abercrombie.	D	168	6	IPpv	1,310	55.2	6- 4-58	N	N	. . .	. . .	. . .	
I-248	. . . . do	. . . . .	Du	20.6	6	IPpv	1,305	11.8	. . do . .	M	D	63	25	108	
I-249	. . . . do	. . . . .	D	80	6	IPpv	1,305	75	. . . . .	Tj	D	. . .	11	136	
I-250	F. H. Barber	Curry Bros	D	100	6	IPpv	1,300	74.5	6- 3-58	Tj	D	. . .	11	70	
I-251	D. H. Stoudenmier . .	. . . . .	Du	20.1	36	IPpv	1,298	11.5	. . do . .	M	D	63	231	52	Dry at times.
I-252	. . . . do	Roy Bowling. . . .	D	210	6	IPpv and Mp	1,298	73.7	. . do . .	M	D	. . .	. . .	. . .	Water at 205 ft.
I-253	Herbert Fields	. . . . do	D	114.9	6	IPpv	1,284	54.9	6-10-58	Tj	D	. . .	11	30	Casing: 6-in. to 40 ft. Sample log in files of U.S. Geol. Survey.
I-254	Henry Nappier	. . . . .	D	28.4	6	IPpv	1,285	17.2	6- 3-58	M	D	64	32	52	
I-255	. . . . do	Curry Bros	D	126	6	IPpv	1,283	77.5	. . do . .	Tj	D	. . .	4	92	
I-256	. . . . do	Calvin Walls . . .	D	47	6	IPpv	1,285	16.1	. . do . .	Tj	D	. . .	. . .	. . .	
I-257	Leon Thomas	J. J. Leach	D	. . . .	6	IPpv	1,280	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-258	. . . . do	. . . . .	D	47.1	6	IPpv	1,263	33.4	6- 3-58	M	D	63	18	56	Insufficient for domestic supply during dry seasons.
I-259	W. T. Nappier	. . . . .	Du	31.2	36	IPpv	1,240	15.4	. . do . .	M	D	63	60	102	
I-260	. . . . do	Curry Bros	D	76	6	IPpv	1,243	32	. . . . .	Tj	D	. . .	11	108	Water at 38 and 58 ft.
I-261	J. P. Owen	. . . . .	D	. . . .	6	IPpv	1,285	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-262	A. H. Lemons	. . . . .	Du	14.8	36	IPpv	1,252	7.8	6- 5-58	M	D	63	18	58	Insufficient for domestic supply during dry seasons.
I-263	. . . . do	Roy Bowling. . . .	D	36.7	6	IPpv	1,238	13.3	. . do . .	M	D	64	18	42	
I-264	Bill Ogle.	. . . . .	Du	19.7	36	IPpv	1,240	12.1	. . do . .	N	N	. . .	. . .	. . .	
I-265	Buster Owens.	. . . . .	Du	18.3	36	IPpv	1,200	15.6	. . do . .	M	D	63	18	96	Dry in fall 1955.
I-266	W. J. Matkin	. . . . .	S	. . . .	. .	Mb	660	. . . .	. . . . .	. .	S	59	11	100	Known as Williams Cove Spring. Estimated flow, 300 gpm on 5-21-58.

I-267	B. S. Whisenant	Roy Bowling. . . .	D	61	6	Ppv	1,245	30	. . . . .	Tj	D	. . .	18	102	
I-268	. . . . do	. . . . .	D	33.8	6	Ppv	1,260	27.4	6- 6-58	N	N	. . .	. . .	. . .	
I-269	Ethel Davis	. . . . .	D	20.0	6	Mb	670	3.3	5-21-58	M	D	61	18	336	
I-270	F. W. Reynolds . . .	. . . . .	D	70	6	Mb	683	30	. . . . .	Tj	D	. . .	67	290	
I-271	W. J. Matkin	Roy Bowling. . . .	D	153.0	6	Mb	663	469	10-22-58	Tj	D	. . .	509	148	Bailing test drawdown, 11 ft. Salty taste. Sample log in files of U.S. Geol. Survey.
I-272	. . . . do	. . . . .	Du	28	36	Qu	663	15	. . . . .	Tj	D	. . .	32	160	
I-273	. . . . do	Roy Bowling. . . .	D	87.0	6	Mb	650	21.5	10-31-58	Tj	D	. . .	28	7	Bailed 25 gpm, drawdown, 4 ft. Sample log in files of U.S. Geol. Survey. Sulfurous.
I-274	. . . . do	. . . . .	Du	30.6	36	Qu	650	13.3	5-21-58	Tj	D	. . .	138	234	Dry in fall.
I-275	Alva Thomas	. . . . .	Du	26.3	36	Qu	625	12.4	6- 6-58	M	D	63	39	94	Insufficient for domestic supply during dry seasons.
I-276	W. G. Grantlin. . . .	. . . . .	D (?)	12.7	6	Qu	624	4.1	. . do . .	M	D	64	25	254	Dry at times.
I-277	Virgil Knighten. . . .	. . . . .	D	. . . .	6	Mb	621	7.9	. . do . .	Tj	D	. . .	. . .	. . .	
I-278	Veta Jennings.	. . . . .	D	30.8	6	Mb	629	10.3	. . do . .	M	D	64	131	160	
I-279	S. G. Wray	Roy Bowling. . . .	D	70	6	Mb	650	60	. . . . .	Tj	D	. . .	53	400	Casing: 6-in. to 60 ft. Water reported to contain iron and sulfur.
I-280	Paul Grady	. . . . .	D	. . . .	6	Mb	631	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-281	W. N. Dalton	Irving Lackey. . .	D	23.5	6	Mb	628	13.8	6- 6-58	M	D	64	82	438	
I-282	Veta Jennings.	. . . . .	Du	16.2	36	Qu	624	9.1	. . do . .	Tj	D	. . .	39	220	
I-283	Pearl Murphy.	. . . . .	D	46.4	5	Mb	624	24.9	6- 9-58	M	D	64	67	160	
I-284	Tom Murphy	. . . . .	D	27.4	7	Mb	621	12.3	. . do . .	Tj	D	. . .	131	206	
I-285	Nettie Luker	Lum Mays	D	35	6	Mb	621	15	. . . . .	Tj	D	. . .	67	396	
I-286	. . . . do	. . . . .	D	27.1	6	Mb	620	12.1	6- 9-59	N	N	. . .	. . .	. . .	
I-287	M. L. Luker	. . . . .	D	65	6	Mb	622	3	. . . . .	Tj	D	. . .	. . .	. . .	
I-288	W. A. Luker	Curry Bros	D	45	6	Mb	622	20	. . . . .	Tj	D	. . .	. . .	. . .	Contains iron.
I-289	Rube Head.	. . . . .	Du	20.5	36	Qu	642	8.8	6-10-58	N	D	. . .	. . .	. . .	Insufficient for domestic supply in summer.
I-290	Lucille Warren. . . .	. . . . .	D	71.6	6	Mb	643	20.5	. . do . .	N	N	. . .	. . .	. . .	
I-291	Tom Russell	. . . . .	D	37.0	6	Mb	635	16.1	. . do . .	M	D	64	32	292	
I-292	L. C. McAnally . . .	Curry Bros	D	60	6	Mb	632	15	. . . . .	Tj	D	. . .	25	172	
I-293	Clyde Bunns.	. . . . do	D	45	6	Mb	620	14.2	6- 9-58	Tj	D	. . .	67	322	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-294	H. T. McAnally. . . .	Boyd McAnally. .	D	37	6	Mb	627	10.0	6- 9-58	Tj	D	. . .	25	378	
I-295	David McAnally . . .	. . . . do	D	34	6	Mb	622	10.2	. . do . .	Tj	D	. . .	60	350	
I-296	Marvin McAnally . .	. . . . .	D	108.3	6	IPpv	1,170	69.1	6-10-58	N	D	. . .	. . .	. . .	
I-297	. . . . do	. . . . .	D	60.1	6	IPpv	1,170	44.5	. . do . .	M	D	64	39	54	Insufficient for domestic supply at times.
I-298	E. H. Wheeler. . . .	Boyd McAnally. .	D	. . . .	6	IPpv	1,245	47.9	6-11-58	Tj	D	. . .	18	72	Insufficient for domestic supply in summer.
I-299	Louis Cornett.	Walter Miller. . .	D	87	6	IPpv	1,272	. . . .	. . . . .	Tj	D	. . .	11	48	
I-300	. . . . do	. . . . .	Du	32.3	36	IPpv	1,273	20.1	6-12-58	N	N	. . .	. . .	. . .	
I-301	. . . . do	. . . . .	D	25.3	6	IPpv	1,261	21.5	6-11-58	M	D	64	18	62	
I-302	Glenn Irving.	. . . . .	Du	25.0	36	IPpv	1,220	7.5	. . do . .	Tj	D	. . .	11	120	
I-303	Louis Cornett.	. . . . .	Du	21.7	36	IPpv	1,223	11.1	6-12-58	N	D	. . .	. . .	. . .	
I-304	. . . . do	. . . . .	D	56.9	6	IPpv	1,222	41.7	. . do . .	M	D	64	11	46	Insufficient for domestic supply at times.
I-305	R. H. Morgan	R. H. Morgan . .	D	106	6	IPpv	1,190	95.6	6-11-58	N	N	. . .	. . .	. . .	
I-306	E. E. Morgan	. . . . .	D	. . . .	6	IPpv	1,200	. . . .	. . . . .	. .	D	. . .	. . .	. . .	
I-307	Willie Johnston. . . .	. . . . .	D	39.4	6	IPpv	1,262	33.7	6-11-58	M	D	64	11	102	
I-308	Marvin McAnally . .	. . . . .	D	83.5	6	IPpv	1,210	38.3	6-10-58	M	D	64	39	20	
I-309	. . . . do	. . . . .	D	82.4	6	IPpv	1,222	43.6	. . do . .	N	N	. . .	. . .	. . .	
I-310	Willie Johnson	. . . . .	D	58.4	6	IPpv	1,205	33.4	. . do . .	N	N	. . .	. . .	. . .	
I-311	. . . . do	Roy Bowling. . . .	D	134	6	IPpv	1,218	97.3	. . do . .	Tj	D	. . .	11	134	
I-312	. . . . do	. . . . .	D	38.4	6	IPpv	1,220	19.1	. . do . .	N	N	. . .	. . .	. . .	
I-313	E. H. Hill.	. . . . .	Du	35	36	IPpv	1,181	15	. . . . .	Tj	D	. . .	11	138	Water at 20 ft.
I-314	Jack Yancey.	. . . . .	D	32.5	6	IPpv	1,182	19.0	6-17-58	M	D	64	18	70	
I-315	W. O. Henderson . .	Carl Abercrombie.	D	46	6	IPpv	1,170	10.9	. . do . .	Tj	D	. . .	11	122	
I-316	M. D. Henderson . .	. . . . do	D	55	6	IPpv	1,183	15.4	6-16-58	Tj	D	. . .	11	16	
I-317	. . . . do	Calvin Walls . . .	D	39.1	6	IPpv	1,200	28.7	. . do . .	M	D	64	18	42	Insufficient for domestic supply in summer.

I-318	Marvin Garrison. . .	Roy Bowling. . . .	D	51.2	6	Ppv	1,218	21.7	. . do . .	M	D	64	18	26	Do.
I-319	Almus Fletcher . . .	J. J. Leach. . . .	D	53.0	6	Ppv	1,225	27.4	. . do . .	M	D	64	11	32	Casing: 6-in. to 10 ft. Water at 40 ft.
I-320	J. J. Lemons.	Carl Abercrombie.	D	89.5	6	Ppv	1,250	52.1	6-17-58	N	N	. . .	. . .	. . .	
I-321	. . . . do	. . . . do	D	75	6	Ppv	1,265	65.4	. . do . .	Tj	D	. . .	18	32	
I-322	J. R. McGuire. . . .	Curry Bros	D	150	6	Ppv	1,265	83.5	6-16-58	Tj	D	. . .	. . .	. . .	Insufficient for domestic supply during dry seasons.
I-323	L. W. Abercrombie	. . . . .	D	105	6	Ppv	1,263	. . . .	. . . . .	Tj	D	. . .	11	30	
I-324	R. W. Abercrombie .	. . . . .	Du	. . . .	36	Ppv	1,262	. . . .	. . . . .	Tj	D	. . .	18	114	
I-325	. . . . do	Carl Abercrombie.	D	100	6	Ppv	1,265	. . . .	. . . . .	Tj	D	. . .	18	60	
I-326	. . . . do	. . . . do	D	102	6	Ppv	1,265	. . . .	. . . . .	Tj	D	. . .	11	180	
I-327	. . . . do	. . . . do	D	135	6	Ppv	1,285	. . . .	. . . . .	N	N	. . .	. . .	. . .	
I-328	C. B. Parker.	. . . . do	D	120	6	Ppv	1,280	. . . .	. . . . .	Tj	D	. . .	18	40	
I-329	T. L. Pike	. . . . .	D	66.0	6	Ppv	1,282	25.6	6-16-58	M	D	64	11	44	
I-330	J. E. Henderson. . .	Roy Bowling. . . .	D	50	6	Ppv	1,255	26.2	6-13-58	Tj	D	. . .	11	50	
I-331	J. L. Henderson. . .	Carl Abercrombie.	D	100	6	Ppv	1,270	35.3	6-12-58	Tj	D	. . .	11	56	
I-332	R. A. Henderson . .	. . . . .	Du	23.0	36	Ppv	1,278	17.6	. . do . .	Tj	D	. . .	67	86	No. 26, Spec. Rept. 16.
I-333	. . . . do	Roy Bowling. . . .	D	108	6	Ppv	1,285	47.4	. . do . .	Pv	S	. . .	. . .	. . .	
I-334	T. L. Pike	Calvin Walls . . .	D	56	6	Ppv	1,285	31.9	6-11-58	M	D	64	60	72	Water at 36 ft.
I-335	Bertie Cryer	Boyd McAnally. .	D	68.5	6	Ppv	1,270	43.4	. . do . .	M	D	64	11	58	
I-336	R. W. Abercrombie.	. . . . .	D	. . . .	7	Ppv	1,282	15.0	. . do . .	N	N	. . .	. . .	. . .	Insufficient supply at times.
I-337	. . . . do	Carl Abercrombie.	D	100	6	Ppv	1,282	. . . .	. . . . .	Tj	D	. . .	11	86	
I-338	. . . . do	. . . . .	Du	. . . .	36	Ppv	1,282	21.8	6-11-58	N	N	. . .	. . .	. . .	
I-339	Williard Clark	. . . . .	D	. . . .	6	Ppv	1,280	21.7	. . do . .	N	D	. . .	. . .	. . .	
I-340	. . . . do	. . . . .	D	100	6	Ppv	1,280	46.6	. . do . .	Tj	D	. . .	. . .	. . .	
I-341	R. A. Henderson . .	Boyd McAnally. .	D	65.0	6	Ppv	1,270	30.1	6-12-58	M	D	64	11	28 120	Hardness changes with depth.
I-342	Union Hill School . .	Curry Bros	D	101	6	Ppv	1,245	. . . .	. . . . .	Pv	D	. . .	11	42	Supply for Principal's home.
I-343	. . . . do	. . . . do	D	153	6	Ppv	1,255	. . . .	. . . . .	Pv	Ps	. . .	. . .	. . .	Supplies drinking water with well I-344. (Restrooms supplied from pond.)

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
I-344	Union Hill School . .	Roy Bowling. . . .	D	103	6	IPpv	1,262	. . . .	. . . . .	Tj	Ps	. . .	7	66	Water at 68 ft. Supplies drinking water for 514 students.
I-345	. . . . do	. . . . do	D	43.1	6	IPpv	1,260	39.2	6-13-58	N	N	. . .	. . .	. . .	Originally drilled to 467 ft. Dry hole.
I-346	. . . . do	Leon Miller	D	180	6	IPpv	1,260	. . . .	. . . . .	Tj	Ps	. . .	. . .	. . .	Supplies drinking water.
I-347	W. H. Curry	Curry Bros	D	130	8-6	IPpv	1,275	64.9	12-19-58	Tj	D	. . .	11	50	Water at 70 ft.
I-348	New Canaan Baptist Church.	. . . . .	D	100	6	IPpv	1,270	63.7	6-13-58	Tj	D	. . .	4	102	
I-349	E. J. Oldham	Curry Bros	D	101	6	IPpv	1,260	. . . .	. . . . .	Tj	D	. . .	4	50	
I-350	James McLemore . .	. . . . do	D	91	6	IPpv	1,250	50	. . . . .	Tj	D	. . .	4	84	
I-351	R. T. Abercrombie.	Boyd McAnally . .	D	65	6	IPpv	1,225	33.9	6-13-58	Tj	D	. . .	11	28	
I-352	Lester Lenox.	Curry Bros	D	71	6	IPpv	1,230	32.1	. . do . .	M	D	64	11	36	
I-353	Lola Warden	. . . . .	D	55	6	IPpv	1,185	19.4	. . do . .	M	D	64	11	42	
I-354	A. E. Henderson . . .	Curry Bros	D	116	6	IPpv	1,225	40	. . . . .	Tj	D,S	. . .	18	42	
I-355	. . . . do	. . . . .	Du	42	36	IPpv	1,225	. . . .	. . . . .	Tj	D	. . .	18	38	Insufficient for domestic supply in summer.
I-356	Lee Hornbuckle . . .	. . . . .	D	35.5	6	IPpv	1,195	22.3	6-18-58	N	S	. . .	. . .	. . .	Insufficient for stock supply at times.
I-357	. . . . do	. . . . .	D	25.0	6	IPpv	1,190	16.9	. . do . .	M	D	64	46	44	Insufficient for domestic supply during dry seasons.
I-358	E. H. Bowling	Roy Bowling. . . .	D	65	6	IPpv	1,170	35	. . . . .	Tj	D	. . .	11	68	
I-359	Lonnie Bowling. . . .	. . . . do	D	105	6	IPpv	1,155	40	. . . . .	Tj	D	. . .	11	76	
I-360	K. L. Hubble.	Carl Abercrombie.	D	110	6	IPpv	1,160	20	. . . . .	Tj	D	. . .	11	190	
I-361	H. L. Lemons	. . . . .	D	21	6	IPpv	1,140	. . . .	. . . . .	. .	D	. . .	39	118	
I-362	. . . . do	Roy Bowling. . . .	D	68	6	IPpv	1,145	. . . .	. . . . .	. .	D	. . .	32	106	
I-363	J. H. Lemons	Fred Fowler . . .	D	88.7	6	IPpv	1,175	39.7	6-18-58	M	D	64	11	60	
I-364	Lee Hornbuckle . . .	. . . . .	D	47.2	6	IPpv	1,204	32.8	6-17-58	M	D	64	11	38	
I-365	. . . . do	. . . . .	D	53.4	6	IPpv	1,180	19.8	. . do . .	M	D	64	11	46	

I-366	Jack Yancey.	. . . . .	D	43.8	6	IPpv	1,260	31.8	6-17-58	M	D	64	4	26	
I-367	. . . . do	Roy Bowling. . . .	D	110	6	IPpv	1,275	. . . .	. . . . .	Tj	D	. . .	4	90	Insufficient for domestic supply during dry seasons.
I-368	. . . . do	. . . . do	D	35.4	6	IPpv	1,276	17.4	6-17-58	N	N	. . .	. . .	. . .	
I-369	Hershell Compton. .	. . . . .	Du	39.0	36	IPpv	1,265	26.8	6-18-58	Tj	D	. . .	11	34	
I-370	C. W. Dunn.	. . . . .	D	37.3	6	IPpv	1,265	28.9	6-17-58	M	D	64	32	90	
I-371	Gene Abercrombie .	. . . . .	D	. . . .	6	IPpv	1,201	26.3	. . do . .	Tj	D	. . .	4	64	
I-372	L. R. Royster	Calvin Walls . . .	D	61.0	6	IPpv	1,185	48.4	6-18-58	M	D	64	32	24	Well dry in fall.
I-373	Lester Garrison. . .	Boyd McAnally. .	D	. . . .	6	IPpv	1,180	35.9	. . do . .	Tj	D	. . .	18	40	
I-374	. . . . do	Carl Abercrom-bie.	D	. . . .	6	IPpv	1,180	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
I-375	F. O. Hicks.	Roy Bowling. . . .	D	60	6	IPpv	1,200	16	. . . . .	Tj	D	. . .	18	42	
I-376	H. B. Myrick.	Calvin Walls . . .	D	36	6	IPpv	1,225	18	. . . . .	Tj	D	. . .	18	26	
I-377	Len Bowling.	Roy Bowling. . . .	D	62	6	IPpv	1,190	30	. . . . .	Tj	D	. . .	11	132	
I-378	J. V. Parker.	. . . . do	D	59.5	6	IPpv	1,181	16.9	6-20-58	M	D	64	11	80	
I-379	Len Bowling.	. . . . do	D	145.1	6	IPpv-Mp	1,182	12.3	3-31-58	N	N	. . .	. . .	. . .	Observation well. Water at 142 ft.
I-380	W. W. Owen	Boyd McAnally. .	D	50	6	IPpv	1,160	18	. . . . .	Tj	D	. . .	4	22	Water at 22 ft.
I-381	James Fann.	. . . . .	D	107	6	IPpv	1,182	60	. . . . .	Tj	D	. . .	11	160	
I-382	J. W. Owen.	Boyd McAnally. .	D	70	6	IPpv	1,170	40	. . . . .	Tj	D	. . .	18	110	
I-383	R. M. Thomas. . . .	. . . . .	D	. . . .	6	IPpv	1,170	. . . .	. . . . .	Tj	D	. . .	11	130	
I-384	Roy Bowling.	Roy Bowling. . . .	D	158	6	IPpv-Mp	1,200	. . . .	. . . . .	Tj	D	. . .	11	116	Supplies 3 families. Cavity from 138 to 140 ft.
I-385	Lee Hornbuckle . . .	. . . . do	D	50	6	IPpv	1,200	30	. . . . .	Tj	D	. . .	11	52	
I-386	. . . . do	Cooter Terrell. .	D	49	6	IPpv	1,198	35	. . . . .	Tj	D	. . .	32	26	
I-387	Leldon Hornbuckle .	Roy Bowling. . . .	D	98	6	IPpv	1,198	32.8	6-20-58	Tj	D	. . .	18	52	
I-388	W. A. Garrison . . .	. . . . do	D	104	6	IPpv	1,185	50	. . . . .	Tj	D	. . .	11	80	
I-389	Lee Hornbuckle . . .	. . . . .	D	50.5	6	IPpv	1,165	20.4	6-20-58	M	D	64	11	44	Insufficient for domestic supply during dry seasons.
I-390	W. W. Whisenant . .	Roy Bowling. . . .	D	. . . .	6	IPpv	1,210	. . . .	. . . . .	Tj	D	. . .	18	34	
I-391	. . . . do	. . . . do	D	. . . .	6	IPpv	1,190	. . . .	. . . . .	Tj	D	. . .	11	126	
J- 1	Otis Williams	. . . . .	D	81.5	6	Ms-Mt	630	74.8	10- 3-58	N	D	. . .	. . .	. . .	Insufficient for domestic supply at times.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
J- 2	J. P. Rogers.....	.....	D	61.8	6	Ms	660	54.2	10- 3-58	M	D	62	4	130	Insufficient for domestic supply during dry seasons.
J- 3	M. B. Ballinger...	.....	D	79	6	Ms-Mt	595	44.7	..do..	Tj	D	...	11	240	
J- 4	....do.....	.....	D	64	6	Ms-Mt	600	53.5	..do..	N	D	...	...	...	
J- 5	Crucie Echols	.....	D	45.3	6	Ms-Mt	588	39.8	10- 8-58	M	D	62	18	300	Supplies 5 families.
J- 6	W. B. Loosier....	.....	D	86.6	6	Ms-Mt	616	47.7	..do..	M	D	62	4	176	
J- 7	Albert Williams ...	.....	Du	13.2	36	Qu	568	8.5	..do..	N	N	...	...	...	
J- 8	Frank Charest	.....	D	53.0	6	Ms-Mt	602	50.2	10- 6-58	M	D	62	11	256	Insufficient for domestic supply during dry seasons.
J- 9	R. C. Hardy	.....	D	45.9	6	Ms-Mt	592	42.1	10- 7-58	M	D	62	216	388	Do.
J-10	M. E. Barrett	.....	D	120	6	Ms-Mt	608	60	.....	Tj	D	...	11	270	
J-11	Harris Ballinger...	.....	D	64.8	6	Ms-Mt	591	41.5	10- 3-58	N	D	...	...	...	
J-12	Johnnie Ballinger..	.....	D	72.7	6	Ms-Mt	595	16.2	..do..	M	D	62	25	274	
J-13	Gladys Clay.....	.....	Du	19.6	36	Qu	672	11.6	10- 6-58	Pp	D	63	11	124	
J-14	Winfred Chatmon ..	.....	D	50.9	6	Mh	750	47.8	10- 3-58	M	D	62	11	82	Do.
J-15	A. H. Barrows ...	.....	D	120	6	Ms-Mt	611	58.2	..do..	Tj	D	...	25	254	
J-16	Maudie Campbell ..	.....	D	74.2	6	Ms-Mt	662	70.7	..do..	M	D	62	11	156	Do.
J-17	B. D. Brown	.....	D	58.4	6	Mh	674	40.9	10- 6-58	M	D	62	18	136	
J-18	L. C. Draper.....	.....	D	111.5	6	Mh	691	87.8	..do..	M	D	62	4	90	
J-19	Dolphus Turney ...	.....	D	....	6	Ms	581	20	.....	Pp	D	62	18	146	

J-20	H. C. Lemons	. . . . .	D	34.2	6	Ms	591	26.6	10- 6-58	M	D	62	11	190	Do.
J-21	R. L. Romine	. . . . .	D	40	6	Mg-Ms	585	20	. . . . .	Pp	D,S	62	11	204	Insufficient for domestic and stock supply during dry seasons.
J-22	Irving Romine	. . . . .	D	85.7	6	Mg-Ms	635	67.9	10- 6-58	M	D	62	18	198	
J-23	W. R. Sivley	Calvin Walls . . .	D	88	6	Mg-Ms	630	53	. . . . .	Tj	D	. . .	4	230	
J-24	Antioch Church. . . .	. . . . .	D	32.4	6	Mg-Ms	594	16.1	10- 8-58	Tj	Pc	. . .	25	125	
J-25	Earl Charest	. . . . .	Du	22.1	36	Qu	578	13.8	. . do . .	Tj	D	. . .	39	56	
J-26	J. W. Parker.	Roy Bowling. . . .	D	76	6	Mg-Ms	580	11	. . . . .	Tj	D	. . .	25	186	Bailed 40 gpm, no drawdown.
J-27	B. M. Cook.	Crowe Drilling Co.	D	79.5	6	Mg-Ms	592	11.3	7-16-58	Tj	D	. . .	4	85	Bedrock at 47 ft. Water at 30 ft. Bailed 1,500 gal., no drawdown. Driller's and sample logs in files of U.S. Geol. Survey.
J-28	Mary Black	. . . . .	D	23.9	6	Mg-Ms	622	21.8	10- 8-58	M	D	62	138	172	Insufficient for domestic supply during dry seasons.
J-29	J. F. Watkins	Roy Bowling. . . .	D	. . . .	6	Mg-Ms	613	. . . .	. . . . .	Tj	D	. . .	11	88	
J-30	Lou Lemmon	. . . . .	D	90.5	6	Mg-Ms	642	53.2	10- 9-58	M	D	62	18	258	
J-31	K. M. Sharp	. . . . .	S	. . . .	. .	Mg	630	. . . .	. . . . .	Tj	D	60	11	102	Known as Sharp Spring. Estimated flow, 10 gpm on 10-9-58.
J-32	W. R. Thompson . .	. . . . .	D	83.7	6	Mh-Mg	705	53.3	10- 9-58	M	D	62	18	840	
J-33	Thomas Winton. . . .	. . . . .	D	69.4	6	Mh	755	63.3	10-22-58	M	D	63	11	126	Insufficient for domestic supply during dry seasons.
J-34	J. O. Dunaway. . . .	. . . . .	D	30.7	6	Mh	685	23.5	10- 9-58	M	D	62	18	66	
J-35	Bula Winton.	. . . . .	D	24.5	6	Mh	740	18.2	10-22-58	N	D	. . .	. . .	. . .	Insufficient for domestic supply at times.
J-36	Loella Butler.	. . . . .	S	. . . .	. .	Mg	600	. . . .	. . . . .	. .	N	61	11	130	Known as Laughlin Spring. Estimated flow, 30 gpm on 10-9-58.
J-37	Scag Johnson	. . . . .	Du	8.6	36	Qu	596	4.8	10- 7-58	M	D	62	4	224	Insufficient for domestic supply during dry seasons.
J-38	J. O. Moody	. . . . .	D	. . . .	6	Ms	603	38.8	10- 8-58	Tj	D	. . .	11	144	
J-39	H. O. Sharp.	. . . . .	D	42.4	6	Ms-Mt	599	18.4	10- 7-58	M	D	. . .	. . .	. . .	
J-40	H. B. McGee.	Boyd McAnally. .	D	47	6	Ms-Mt	580	25	. . . . .	Tj	D	. . .	4	208	
J-41	Olney Brown	. . . . .	D	91	6	Ms	630	59	. . . . .	Tj	D	. . .	. . .	. . .	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
J-42	Fred Pitman	. . . . .	Du	34.2	36	Qu	675	33.6	10- 7-58	N	N	. . .	. . .	. . .	
J-43	. . . . do	. . . . .	D	33.4	6	Mh	702	28.2	. . do . .	M	D	62	25	88	Insufficient for domestic supply during dry seasons.
J-44	. . . . do	. . . . .	S	. . . .	. .	Ms	570	. . . .	. . . . .	. .	D	61	11	84	Known as Grantland Spring. Estimated flow, 30 gpm on 10-7-58.
J-45	Irving Romine	. . . . .	D	131.4	6	Ms-Mt	653	62.3	10- 7-58	M	D	62	46	100	Insufficient for domestic supply during dry seasons.
J-46	. . . . do	. . . . .	D	28.1	6	Mh	639	6.6	. . do . .	M	D	62	18	58	Supplies 3 families.
J-47	Andrew Winton	. . . . .	D	92.1	6	Mh	655	65.5	. . do . .	M	D	62	11	148	Supplies 5 families.
J-48	Gus May	. . . . .	D	. . . .	6	Mh	685	44.0	. . do . .	M	D	62	25	160	
J-49	W. W. Day	Roy Bowling. . . .	D	83	6	Mh	665	23	. . . . .	Pv	D	. . .	11	144	
J-50	E. B. Brown	Curry Bros	D	145	6	Mg	600	. . . .	. . . . .	Tj	D	. . .	18	166	
J-51	W. C. Litman	. . . . .	D	47.7	6	Mh	645	17.4	10-10-58	M	D	63	11	142	Insufficient for domestic supply.
J-52	Otis Williams.	. . . . .	D	36.3	6	Mh	641	15.7	. . do . .	M	D	64	25	72	
J-53	R. E. Thomas	Roy Bowling. . . .	D	104.0	6	Mg	631	9.4	. . do . .	M	D	63	46	272	Casing: 6-in. to 23 ft.
J-54	Horace Edmonson . .	. . . . .	D	24	6	Mh	622	14	1957	. .	D	. . .	18	80	
J-55	W. O. Murphy	. . . . .	D	23.7	6	Mh	604	11.3	10-10-58	M	D	63	11	58	Dry at times.
J-56	R. N. Stringer. . . .	Curry Bros	D	158	6	Mg	682	122.3	. . do . .	Ts	D	. . .	4	152	Bedrock at 8 ft.
J-57	Paul Thomas	. . . . .	D	28.0	6	Mh	638	9.7	. . do . .	M	D	63	11	72	
J-58	N. D. Garrison . . .	. . . . .	D	82	6	Mg	685	20	. . . . .	Tj	D	. . .	25	222	
J-59	G. M. Turney	. . . . .	D	42.8	6	Mh	700	22.6	10- 9-58	M	D	62	18	38	
J-60	Mark Grubbs	. . . . .	D	23.4	6	Mh	682	17.5	. . do . .	M	D	62	11	212	Insufficient for domestic supply during dry seasons.
J-61	J. A. Darnell	. . . . .	D	17.6	6	Mh	680	5.5	10-10-58	M	D	63	11	92	
J-62	R. L. Fowler.	Calvin Walls . . .	D	54.2	6	Mh	683	31.2	. . do . .	M	D	64	18	172	Do.
J-63	Stone Lumber Co . .	Curry Bros	D	107	6	Ms-Mt	640	40	. . . . .	Tj	D,S	. . .	11	246	Water at 97 ft.

J-64	M. C. Sharp	. . . . .	D	53.7	6	Mg-Ms	618	45.2	10- 9-58	M	D	62	18	228	Insufficient for domestic supply during dry seasons.
J-65	Luther Breden	. . . . .	D	67.9	6	Mh	690	25.4	. . do . .	M	D	62	53	82	
J-66	H. C. Turney.	. . . . .	D	43	6	Mh	721	28	. . . . .	Tj	D	. . .	11	164	Water at 35 ft.
J-67	. . . . do	. . . . .	S	. . . .	. .	Mh	700	. . . .	. . . . .	Pv	D	62	4	136	Known as Turney Spring. Estimated flow, 20 gpm on 10-20-58.
J-68	A. C. Breeding . . .	. . . . .	D	45	6	Mh	690	14.4	10-21-58	Pp	D	63	46	184	
J-69	. . . . do	. . . . .	D	140.5	6	Ms-Mt	685	. . . .	. . . . .	M	D	62	89	160	Insufficient for domestic supply during dry seasons.
J-70	H. C. Breeding . . .	. . . . .	D	153.6	6	Mg	710	46.0	10-21-58	N	N	. . .	. . .	. . .	Water reported to contain sulfur.
J-71	Tom Lyle	. . . . .	S	. . . .	. .	Mh-Mg	670	. . . .	. . . . .	. .	N	62	4	188	Unnamed spring. Estimated flow, 5 gpm on 10-21-58.
J-72	Randy Johnson	. . . . .	D	27.3	6	Mh	672	19.1	10-21-58	M	D	63	11	104	Insufficient for domestic supply at times.
J-73	W. K. Gilchrist . . .	. . . . .	D	59.5	6	Mh	698	27.5	. . do . .	N	D	. . .	. . .	. . .	Insufficient for domestic supply during dry seasons.
J-74	Leroy Russell	. . . . .	D	39.4	6	Mh	680	10.4	. . do . .	M	D	63	11	186	
J-75	Walt Draper.	. . . . .	D	33.5	6	Mh	678	20.2	10-22-58	M	D	63	18	76	
J-76	Emma Cater	. . . . .	D	31.9	6	Mh	668	26.8	. . do . .	M	D	63	11	76	
J-77	W. S. Campbell . . .	. . . . .	D	25.5	6	Mh	662	20.3	. . do . .	N	N	. . .	. . .	. . .	
J-78	Maxie Turney.	. . . . .	D	28.0	6	Mg	638	25.6	. . do . .	M	D	63	25	160	Do.
J-79	D. B. Mooneyham. . .	. . . . .	D	64.0	6	Mh	650	15.0	. . do . .	M	D	63	11	42	
J-80	-- Nelson	. . . . .	S	. . . .	. .	Mg	580	. . . .	. . . . .	. .	D	62	18	162	Unnamed intermittent spring. Not flowing 10-22-58. Fluctuation, 0-100 gpm.
J-81	H. C. Dunaway. . . .	. . . . .	D	32.5	6	Mh (?)	722	28.5	10-20-58	N	D	. . .	. . .	. . .	
J-82	. . . . do	. . . . .	D	24.6	6	Mh (?)	702	13.0	. . do . .	M	D	63	32	316	
J-83	Gordon Groover . . .	. . . . .	D	28.8	6	Mh (?)	682	12.6	10-21-58	M	D	63	18	170	
J-84	Carl Walker	. . . . .	D	36.4	6	Mh	680	27.2	. . do . .	M	D	63	11	130	Insufficient for domestic supply.
J-85	Bob Fowler	. . . . .	D	30.5	6	Mh	658	27.1	10-10-58	M	D	64	11	96	Insufficient for domestic supply during dry seasons.
J-86	Wiley Turney.	. . . . .	D	24.6	6	Mh	639	20.7	10-21-58	M	D	63	4	120	
J-87	Dennis Mays	. . . . .	D	100.5	6	Mg	608	48.8	10-20-58	N	N	. . .	. . .	. . .	
J-88	James Dempsey . . .	. . . . .	D	62.8	9	Mh	650	37.7	10-10-58	N	D	. . .	. . .	. . .	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
J-89	Grady Dempsey . . .	Fred Fowler . . .	D	40	6	Mh-Mg	610	14.5	10-20-58	Tj	D	. . .	25	156	
J-90	Glenn Greer.	. . . . .	D	40	6	Mh (?)	610	8.0	. . do . .	Tj	D	. . .	25	76	
J-91	Reuben Thomas . . .	. . . . .	D	82.1	6	Mg	588	11.6	7-17-58	M	D	65	60	246	Observation well.
J-92	Cotaco School.	Curry Bros	D	101	6	Mg	625	. . . .	. . . . .	Pv	Ps	. . .	. . .	. . .	
J-93	. . . . do	-- Bagwell. . . . ,	D	121	8	Mg	625	. . . .	. . . .	Pv	Ps	. . .	. . .	. . .	Water at 90 ft. Insufficient supply for 600 students. School supplied simultaneously from J-92 and J-93.
J-94	. . . . do	. . . . .	D	. . . .	6	Mg	625	. . . .	. . . . .	Tj	Ps	. . .	. . .	. . .	
J-95	W. C. Bradley. . . .	Roy Bowling(?). .	D	90.2	6	Mb	625	18.4	10-10-58	Tj	D	. . .	25	924	
J-96	Augusta Wright. . . .	. . . . .	D	38.5	6	Mb	621	14.3	10-22-58	M	D	63	39	494	
J-97	Velma Walker	. . . . .	D	31.2	6	Mb	608	16.9	10-20-58	M	D	63	25	408	
J-98	Bell Lawrence	. . . . .	D	52.8	6	Mb	625	25.0	. . do . .	M	D	63	11	206	Insufficient for domestic supply.
J-99	Hubert Cryer.	Curry Bros	D	113.0	8	Mh-Mg	610	14.1	5-23-58	Tj	D	60	25	326	Reported to have an alum taste. Sample log in files of U.S. Geol. Survey.
J-100	W. B. McKnight. . .	Leon Miller. . . .	D	110	6	Mh-Mg	675	40	. . . . .	Tj	D	. . .	11	140	Driller's log in files of U.S. Geol. Survey.
K- 1	W. D. Collier	. . . . .	S	. . . .	. .	Mt	600	. . . .	. . . . .	. .	D	58	11	136	Known as Cave Spring. Estimated flow, 100 gpm on 10-24-58.
K- 2	Emmie Densmore. .	. . . . .	D	42.6	5	Mt	612	40.0	10-29-58	M	D	63	11	136	
K- 3	Cleveland Sharp . . .	. . . . .	D	38.8	6	Mt	595	6.7	12- 6-57	M	D	. . .	32	264	
K- 4	. . . . do	. . . . .	D	44.6	6	Mt	597	20.0	12-10-57	M	D	. . .	18	122	
K- 5	A. B. Sharp.	. . . . .	D	35.6	6	Mt	574	23.6	11- 4-58	M	D	63	18	140	Insufficient for domestic supply during dry seasons.
K- 6	O'Neal Sharp	. . . . .	D	15.2	6	Qu	597	14.2	11- 6-58	M	D	63	25	156	Insufficient for domestic supply at times.
K- 7	C. L. Ragsdale . . .	. . . . .	D	75	6	Mt	604	53.8	11- 5-58	M	D	63	25	198	
K- 8	J. C. White.	Roy Bowling. . . .	D	150	6	Mt	596	14.5	11- 4-58	N	N	. . .	. . .	. . .	
K- 9	. . . . do	. . . . do	D	90	6	Mt	595	15	. . . . .	Tj	D,S	. . .	11	218	

K-10	Collier Estate	. . . . .	Du	22.1	36	Qu	586	11.9	11- 5-58	Tj	D,S	. . .	25	120	Do.
K-11	Percy Sharp.	. . . . .	D	55.3	6	Mt	606	13.9	. . do . .	M	D	63	18	180	
K-12	. . . . do	. . . . .	D	35.3	6	Mt	606	13.3	. . do . .	N	N	. . .	. . .	. . .	
K-13	Annie Robinson. . . .	. . . . .	D	71.4	6	Mt	611	49.0	. . do . .	M	D	63	11	164	
K-14	A. O. Brown	. . . . .	D	48	6	Mt	608	33.3	. . do . .	Tj	D	. . .	18	196	
K-15	C. F. Collier.	. . . . .	D	37.6	6	Mt	625	27.7	10-29-58	M	D	63	18	46	
K-16	F. A. Collier.	. . . . .	D	31.3	6	Mt	588	12.1	10-30-58	M	D	63	11	72	
K-17	Rose Lile	. . . . .	D	21.9	6	Qu	585	12.3	. . do . .	M	D	63	25	180	
K-18	B. L. Carter	. . . . .	D	68.4	6	Mt	590	33.7	10-29-58	M	D	63	10	12	
K-19	T. B. Moebes	. . . . .	D	102	6	Mt	625	. . . .	. . . . .	Tj	D	. . .	18	176	
K-20	C. S. Muzzey.	. . . . .	D	120	6	Mt	656	75.9	10-29-58	Tj	D	. . .	4	20	
K-21	Elmer Sharp	. . . . .	S	. . . .	. .	Mt	560	. . . .	. . . . .	. .	S	61	11	138	Known as Blue Spring. Estimated flow, 20 gpm on 10-29-58.
K-22	. . . . do	. . . . .	D	124	6	Mt	600	38.6	10-30-58	Tj	D	. . .	11	130	Casing: 6-in. to 47 ft.
K-23	J. R. Edwards	. . . . .	D	45	6	Mt	573	15	. . . . .	Tj	D	. . .	18	182	Supplies 3 families.
K-24	C. E. Blankenship .	. . . . .	C	47	36,6	Mt	582	. . . .	. . . . .	Tj	D	. . .	11	116	
K-25	Earl Moses	. . . . .	D	. . . .	6	Mt	608	33.2	10-30-58	Tj	D	. . .	18	184	
K-26	J. T. Carr	. . . . .	D	86	6	Mt	588	31.9	10-31-58	Tj	D	. . .	11	204	
K-27	Louie Winton	. . . . .	Du	40	36	Qu	602	29.4	. . do . .	Tj	D	. . .	11	152	Supplies 3 families.
K-28	Waverly Loosier. . .	. . . . .	D	200	6	Mt	610	21.3	. . do . .	Ts	D	. . .	11	186	
K-29	Grady Roberts	. . . . .	D	70	6	Mt	600	46.4	10-30-58	Tj	D	. . .	18	188	
K-30	Wardine Weeden. . .	Crowe Drilling Co.	D	49.7	6	Qu	598	21.5	8-11-58	M	D	62	25	234	Observation well. Water from 38 to 48 ft. Driller's log in files of U.S. Geol. Survey.
K-31	Joe Terry	Charles W. Miller.	D	54.1	6	Mt	582	13.4	10-24-58	N	N	. . .	. . .	. . .	
K-32	R. H. Williams . . .	Roy Bowling. . . .	D	90	6	Mt	615	39.9	10-30-58	Tj	D	. . .	11	150	
K-33	A. L. Cain	. . . . .	Du	39.2	36	Mh	730	31.3	10-31-58	Tj	D	. . .	67	104	
K-34	Loyd Cain	. . . . .	S	. . . .	. .	Mt	598	. . . .	. . . . .	. .	N	60	11	126	Unnamed spring. Estimated flow, 20 gpm on 10-29-58.
K-35	. . . . do	. . . . .	S	. . . .	. .	Mt	610	. . . .	. . . . .	. .	N	60	4	120	Known as McCroskey and Billy Culp Spring. Estimated flow, 20 gpm on 10-29-58.
K-36	St. John School. . . .	. . . . .	D	80.6	6	Mt	635	53.7	10-30-58	M	Ps	63	4	174	
K-37	Elona McDaniel . . .	. . . . .	D	27.4	6	Mt	635	22.7	10-29-58	M	D	62	11	68	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
K-38	Aaron Blankinship. .	. . . . .	D	50.6	6	Mt	603	41.5	10-24-58	N	N	. . .	. . .	. . .	
K-39	C. H. Curbow	. . . . .	D	39.9	6	Mt	612	21.8	. . do . .	N	N	. . .	. . .	. . .	
K-40	New Friendship Church.	Charles W. Miller.	D	102.8	6	Mt	620	45.8	. . do . .	. .	Pc	. . .	8	152	
K-41	A. J. Dinsmore . . .	. . . . .	S	. . . .	. .	Mt	620	. . . .	. . . . .	. .	N	51	11	80	Known as Wright Spring. Estimated flow, 50 gpm on 10-30-58.
K-42	Douglas Orr.	. . . . .	Du	35.6	36	Qu	612	22.4	11- 3-58	Tj	D	. . .	53	104	
K-43	Berry Estate	. . . . .	D	73.7	6	Mg-Ms	662	56.6	10-30-58	M	N	63	11	152	
K-44	Holden Taylor	. . . . .	S	. . . .	. .	Mh	802	. . . .	. . . . .	Tj	D	64	18	30	Unnamed spring. Estimated flow, 10 gpm on 11-4-58.
K-45	John Collier.	. . . . .	D	45.5	6	Mh	858	15.2	11- 3-58	Tj	D,S	. . .	11	66	Casing: 6-in. to 13 ft.
K-46	W. W. Moore.	. . . . .	D	73.0	6	Mh	830	24.1	10-31-58	M	D	63	11	36	
K-47	Leroy Bennett	. . . . .	D	150	6	Mh	845	33.9	11- 4-58	Tj	D	. . .	11	104	
K-48	C. C. Garrett	Crowe Drilling Co.	D	246.7	6	Mh	845	29.3	9- 3-58	Ts	D	. . .	11	78	Water at 35 ft. Sample and driller's logs in files of U.S. Geol. Survey. Almost dry hole.
K-49	Annie Lile.	. . . . .	D	51.8	6	Mt	609	41.2	11- 3-58	N	N	. . .	. . .	. . .	
K-50	D. T. Taylor.	. . . . .	D	52.0	6	Mh	875	26.0	. . do . .	M	D	63	11	54	
K-51	. . . . do	. . . . .	S	. . . .	. .	Mh	845	. . . .	. . . . .	. .	S	62	11	36	Unnamed intermittent spring.
K-52	Franklin Henderson	. . . . .	D	43.3	6	Mh	845	36.0	11- 3-58	M	D	63	53	60	Insufficient for domestic supply during dry seasons.
K-53	C. D. Cottingham. .	Crowe Drilling Co.	D	355	6	Mt	850	. . . .	. . . . .	Ts	D	. . .	11	200	
K-54	M. L. Skidmore. . .	. . . . .	D	101	6	Mt	598	15	1- -50	Tj	D	. . .	18	210	
K-55	F. S. Robinson. . . .	. . . . .	D	60.2	6	Mt	624	32.8	11- 6-58	M	D	63	39	204	Supplies 3 families.
K-56	Annie Lee	. . . . .	D	67.8	6	Mt	614	22.5	. . do . .	M	D	63	11	160	
K-57	E. M. Wise.	. . . . .	D	150	6	Mt	640	49.9	. . do . .	Tj	D	. . .	18	286	
K-58	Lamar Speaks	. . . . .	D	. . . .	6	Mt	651	56.2	11- 7-58	Pv	D	. . .	11	270	

K-59	Leslie Clark	. . . . .	D	69	6	Mt	632	33.1	11- 6-58	Tj	D	. . .	18	160	
K-60	Horace Speegle. . . .	Crowe Drilling Co.	D	89.3	6	Ms-Mt	648	46.8	8-20-58	N	N	. . .	. . .	. . .	Water from 55 to 58 ft. and 69 to 73 ft. Bail tested, 5 gpm; drawdown, 13 ft. Sample and driller's logs in files of U.S. Geol. Survey.
K-61	O. C. Marsh	. . . . .	D	119	6	Mh	795	98.3	11- 6-58	M	D	63	11	14	Insufficient for domestic supply at times.
K-62	Shoal Creek Church.	. . . . .	D	68	6	Mh	805	49.6	. . do . .	Tj	D	. . .	18	126	Insufficient for domestic supply.
K-63	. . . . do	Crowe Drilling Co.	D	206.6	6	Mg	806	141.0	1-27-58	N	N	. . .	. . .	. . .	Sample and driller's logs in files of U.S. Geol. Survey. Almost dry hole.
K-64	Olney Stringer	Boyd McAnally. .	D	36.0	6	Mh	795	. . . .	11- 3-58	M, F	D	63	11	126	Estimated flow, 2 gpm. Contains iron.
K-65	E. C. Paustian. . . .	. . . . .	D	100	6	Mg	692	68.3	. . do . .	N	N	. . .	. . .	. . .	
K-66	O. L. Taylor.	. . . . .	D	49.4	6	Mh	850	36.6	. . do . .	N	N	. . .	. . .	. . .	
K-67	Harold Smith	. . . . .	D	73.5	6	Mh	833	22.1	. . do . .	M	D	63	11	44	
K-68	Melvin Slaten.	Boyd McAnally. .	D	69	6	Mh	820	39	1950	Tj	D	. . .	11	50	
K-69	Edward Blankinship	. . . . .	D	29.7	6	Mh	803	13.4	11- 5-58	M	D	63	39	46	Insufficient for domestic supply during dry seasons.
K-70	L. A. Pockman . . .	Crowe Drilling Co.	D	228.1	6	Mg	820	78.0	7-16-58	. .	Ind	62	4	66	Water at 105 ft. Sample and driller's logs in files of U.S. Geol. Survey.
K-71	M. W. Ryan.	. . . . .	D	60	6	Mh	880	12	1- -54	Tj	D	. . .	11	24	
K-72	Elbert Riley.	Crowe Drilling Co.	D	81.0	6	Mh	830	7.4	12- 2-58	Tj	D	. . .	4	24	Water at 20 ft. Sample and driller's logs in files of U.S. Geol. Survey.
K-73	. . . . do	. . . . do	D	190	6	Mh	815	20.5	11- 4-58	Ts	D	. . .	11	48	Water at 64 ft. Sample and driller's logs in files of U.S. Geol. Survey.
K-74	J. B. Atkins	. . . . do	D	257	6	Mt	780	170.5	. . do . .	Tj	D	. . .	. . .	. . .	
K-75	G. A. Cluxton	. . . . .	D	96	6	Mh	772	38.8	. . do . .	M	D	63	11	116	
K-76	J. L. Truss.	. . . . .	D	154	6	Mh	786	41.7	. . do . .	Tj	D	. . .	11	106	
K-77	M. Goad	. . . . .	D	33.8	6	Mh	800	22.8	. . do . .	M	D	63	11	130	Insufficient for domestic supply during dry seasons.
K-78	C. T. Watkins	. . . . .	D	45.0	6	Mh	770	28.4	11- 7-58	M	D	63	11	78	
K-79	E. M. Taylor.	. . . . .	D	37	6	Mh	756	30.6	10-30-58	Tj	D	. . .	11	180	
K-80	Arthur Stewart. . . .	Crowe Drilling Co.	D	79.1	6	Qu	762	56.6	. . do . .	M	D	62	11	40	Casing: 6-in. to 80 ft. Water from 65 to 70 ft. Driller's log in files of U.S. Geol. Survey.
K-81	Roland Neal.	. . . . .	D	25.8	6	Mh	745	19.6	11- 7-58	M	D	63	25	138	Insufficient for domestic supply during dry seasons.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
K-82	Magnolia Lanier . . .	Roy Bowling. . . .	D	210.0	6	Mg	742	123.3	7-23-58	N	N	. . .	. . .	. . .	Sample log in files of U.S. Geol. Survey. Almost dry hole.
K-83	C. W. Smith	. . . . .	D	75.6	6	Mh	741	27.7	11- 7-58	M	N	63	11	26	
K-84	Stella Jackson	. . . . .	D	39.2	6	Mh	682	29.8	. . do . .	M	D	63	18	104	
K-85	V. P. Gilchrist . . .	. . . . .	Du	34.5	36	Mh (?)	678	32.5	. . do . .	Tj	D	. . .	18	62	
K-86	Henry Key.	. . . . .	D	44.6	6	Mh	727	16.6	. . do . .	M	D	63	11	90	
K-87	M. S. Lemmond. . .	. . . . .	D	47.3	6	Mh	741	36.7	. . do . .	M	D	63	18	36	
K-88	Tom Crow.	. . . . .	D	42.2	6	Mh	750	21.3	. . do . .	M	D	64	11	38	
K-89	C. T. Watkins	. . . . .	D	25.3	6	Mh	761	24.3	. . do . .	M	D	. . .	. . .	. . .	Insufficient for domestic supply.
K-90	W. H. Champion. . .	. . . . .	D	54	6	Mh	775	15.6	11-12-58	Tj	D	. . .	11	130	
K-91	Jim Nelson	. . . . .	S	. . . .	. .	Mh	720	. . . .	. . . . .	. .	D	63	11	144	Known as Whiteoak Spring. Intermittent flow.
K-92	E. H. McCarley. . .	. . . . .	D	38.5	6	Mh	755	29.3	11-12-58	N	N	. . .	. . .	. . .	
K-93	O. M. Turner	. . . . .	D	130	6	Mh	762	30	. . . . .	Tj	D	. . .	11	124	Water at 40 ft.
K-94	J. V. Henderson. . .	. . . . .	D	52.9	6	Mh	730	41.1	11-12-58	M	D	63	4	144	Insufficient for domestic supply during dry seasons.
K-95	J. M. Hartman. . . .	. . . . .	D	59.5	6	Mh	810	29.8	. . do . .	M	D	63	18	58	
K-96	O. W. Drinkerd . . .	Leon Miller. . . .	D	. . . .	6	Mh	802	166.7	11-14-58	N	N	. . .	. . .	. . .	
K-97	Ernest Maples	. . . . .	D	65	6	Mh	810	23.5	11-12-58	Tj	D	. . .	11	40	
K-98	J. W. Bracken. . . .	. . . . .	D	53.6	6	Mh	800	41.5	. . do . .	M	D	63	11	210	
K-99	C. W. Bracken. . . .	. . . . .	D	77.0	6	Mh	805	54.8	. . do . .	M	D	62	11	58	
K-100	J. E. Blankinship. .	. . . . .	D	64.7	6	Mh	800	56.7	. . do . .	M	D	64	18	94	Do.
K-101	W. E. Lee.	. . . . .	D	226	6	Ms-Mt	805	119.9	. . do . .	Tj	D	. . .	11	120	
K-102	J. S. Halbrooks . . .	. . . . .	D	26.1	6	Mh	823	17.5	. . do . .	M	D	63	11	40	Do.
K-103	W. D. Crow.	. . . . .	D	42.4	6	Mh	818	41.7	. . do . .	M	D	63	11	46	Insufficient for domestic supply.
K-104	A. C. Summerford .	. . . . .	D	120	6	Mh	810	60	. . . . .	Tj	D	. . .	11	116	

K-105	T. C. Brenner....	.....	D	120	6	Mh	770	47.5	11-12-58	M	D	62	18	66	
K-106	H. C. Sanders	Leon Miller....	D	113.8	6	Mh	782	33.6	. . do . .	M	D	63	4	74	
K-107	M. C. Lee.....	.....	S	....	..	Mg	720	....	.....	Tj	D	60	11	88	Unnamed spring. Estimated flow, 10 gpm on 11-17-58. Supplies 5 families.
K-108	George Hudson....	.....	D	40.0	6	Mg	631	17.9	11-17-58	M	D	64	18	170	
K-109	Leon McGee.....	.....	D	34.9	6	Mg	632	25.7	. . do . .	M	D	63	25	312	
K-110	James McGee.....	.....	D	164.5	6	Mg	765	99.1	. . do . .	M	D	62	11	182	
K-111	A. L. Griffin.....	.....	D	54.0	6	Mh-Mg	765	50.3	. . do . .	M	D	63	18	128	
K-112	I. L. Griffin	.....	S	....	..	Mg	700	....	.....	..	D	62	11	62	Unnamed spring. Estimated flow, 10 gpm on 11-17-58.
K-113	Nathan Prince	.....	D	40	6	Mh	710	34	.....	Tj	D	...	11	128	
K-114	C. J. Ligon.....	.....	D	165.0	8-6	Mh	758	66.3	11-17-58	M	D	62	18	34	
K-115	C. D. Cottingham..	.....	D	49.5	6	Mh	745	37.0	11-19-58	M	D	62		32	
K-116	Willoughby Goodwin	.....	D	48.1	6	Mh	750	32.1	11-17-58	M	D	63	25	70	
K-117	C. W. Tapscott ...	.....	D	31.9	6	Mh	750	20.5	11-19-58	M	D	63	67	84	
K-118	Elbert Roy.....	.....	D	37.2	6	Mh	730	26.3	11-17-58	Tj	D	...	11	42	
K-119	William Lindsay...	.....	S	....	..	Mg	665	....	.....	..	S	60	11	132	Known as Smith Spring. Estimated flow, 20 gpm on 11-17-58.
K-120	H. T. Lemmond...	.....	S	....	..	Mh (?)	698	....	.....	Tj	D	59	11	158	Known as Sleighton Spring. Estimated flow, 5 gpm on 11-13-58.
K-121	C. E. Livingston ..	.....	Du	47.6	36	Mh (?)	755	45.4	11-13-58	Tj	D	...	195	170	
K-122	W. B. Bentley	.....	D	42.3	6	Mh	770	33.6	11-17-58	M	D	63	11	86	
K-123	Otto McCarley	.....	D	26.1	6	Mh	780	21.8	11-13-58	M	D	63	18	56	Insufficient for domestic supply during dry seasons.
K-124	Willis McCarley...	.....	D	19.2	6	Mh	790	18.6	. . do . .	N	N	...	...	...	
K-125	Richard Blankinship	.....	D	31.4	6	Mh	790	17.9	. . do . .	M	D	63	11	86	Do.
K-126	Larry Roan	.....	D	66.2	6	Mh	765	43.9	. . do . .	M	D	62	11	124	
K-127	Harold Callahan	.....	D	24.7	6	Mh	762	20.7	. . do . .	M	D	63	11	130	Do.
K-128	Lorette Blankinship	.....	D	36.0	6	Mh	765	22.6	. . do . .	M	D	63	11	36	Do.
K-129	Norman Owens....	.....	D	40	6	Mh	723	18.6	. . do . .	Tj	D	...	18	148	
K-130	C. L. Clemons....	.....	D	....	6	Mh	680	....	.....	Tj	D	...	11	118	
K-131	Spencer Alexander .	.....	D	35.8	6	Mh	702	28.1	11-13-58	M	D	63	11	174	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
K-132	W. R. Bomar.	. . . . .	D	42.1	6	Mh	705	33.6	11-13-58	M	D	63	11	118	
K-133	J. W. Newton.	. . . . .	D	40.5	6	Mh	722	14.4	. . do . .	N	N	. . .	. . .	. . .	
K-134	C. T. Watkins	. . . . .	D	50.0	6	Mh	718	28.2	11-14-58	M	D	63	18	60	No. 14, Spec. Rept. 16.
K-135	. . . . do	. . . . .	D	24.0	6	Mh	718	17.2	. . do . .	N	N	. . .	. . .	. . .	No. 13, Spec. Rept. 16.
K-136	E. A. Butner.	. . . . .	D	26.5	6	Mh	702	22.9	. . do . .	M	D	63	25	48	Insufficient for domestic supply at times.
K-137	Adney Samples. . . .	. . . . .	D	40.5	6	Mh	688	36.3	. . do . .	M	D	63	32	146	Insufficient for domestic supply during dry seasons.
K-138	J. A. Garrison. . . .	. . . . .	D	58	6	Mh	683	26.7	. . do . .	Tj	D	. . .	11	80	
K-139	J. V. Wade	. . . . .	D	. . . .	6	Mh	660	14.3	. . do . .	Tj	D	. . .	11	24	
K-140	Willie Robinson . . .	. . . . .	D	33.9	6	Mh	722	21.6	11- 7-58	M	D	63	11	22	Do.
K-141	Ward Chapel Church	. . . . .	D	55.5	6	Mg	682	50.6	. . do . .	N	N	. . .	. . .	. . .	
K-142	Town of Somerville	. . . . .	S	. . . .	. .	Mg (?)	635	. . . .	. . . . .	. .	P	63	18	72	Known as Northern Spring. Estimated flow, 40 gpm on 11-7-58.
K-143	Somerville School . .	. . . . .	D	35	6	Mg	655	18.9	8-20-29	Tj	Ps	62	82	256	No. 15, Spec. Rept. 16.
K-144	Somerville Lodge . .	R. H. Morgan . .	D	118.0	6	Mg (?)	660	11.3	10-24-58	. .	P	. . .	. . .	. . .	
K-145	John Billings	. . . . .	D	46.8	6	Mh	673	34.5	11-14-58	M	D	63	11	94	
K-146	Elbert Pounds	. . . . .	D	48.3	6	Mh	685	25.3	. . do . .	M	D	62	11	110	
K-147	S. H. Maxwell	. . . . .	D	35.4	6	Mh	645	29.4	. . do . .	M	N	63	18	54	
K-148	L. B. Mason	. . . . .	D	100.0	6	Mg	625	24.2	. . do . .	M	D	62	18	202	
K-149	Lawrence Spurlin . .	Roy Bowling. . . .	D	200	6	Mt	605	51.8	6- 8-59	Tj	D	. . .	10	180	Sample log in files of U.S. Geol. Survey.
K-150	Howard Crowe	Crowe Drilling Co.	D	92.1	6	Mt	620	36.8	6-15-59	Tj	D	. . .	4	224	Do.
K-151	J. W. Schrader . . .	. . . . do	D	115	6	Mg	830	12	. . . . .	Tj	D	. . .	11	218	Bail test, 80 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
K-152	Roy Dodson, Jr . . .	. . . . do	D	102.9	6	Ms-Mt	642	15.9	6- 9-59	Tj	D	. . .	. . .	. . .	Driller's log in files of U.S. Geol. Survey.

L- 1	Hubert Barber	Monroe Norris . .	D	60	6	Mt	585	. . . .	. . . . .	Tj	D,S	. . .	11	70	
L- 2	J. H. Atchley.	Crowe Drilling Co.	D	183	6	Mt	586	2.0	12-10-57	Tj	D	. . .	11	156	Casing: 6-in. to 42.8 ft.
L- 3	James Fairbanks . .	Roy Bowling. . . .	D	125.5	6	Mt	604	20.9	12- 5-57	Tj	D,S	. . .	11	168	Casing: 6-in. to 41 ft. Electric and sample logs in files of U.S. Geol. Survey.
L- 4	B. A. Stedham. . . .	. . . . .	D	109.9	6	Mt	607	22.0	. . do . .	M	D,S	63	11	150	
L- 5	I. S. Clendenon . . .	Irving Lackey. . .	D	85.2	6	Mt	595	3.2	12- 6-57	N	N	. . .	. . .	. . .	Casing: 6-in. to 24 ft.
L- 6	. . . . do	Crowe Drilling Co.	D	149	6	Mt	598	. . . .	. . . . .	Ts	D,S	. . .	11	264	Casing: 6-in. to 30.5 ft. Trace of sulfur. Water at about 135 ft.
L- 7	Dewey Houser	Hurst Machine Works.	D	60	7	Mt	604	40	. . . . .	Tj	D,S	. . .	11	116	Casing: 7-in. to about 40 ft.
L- 8	H. L. Barnes.	. . . . .	D	35.7	6	Mt	578	3.5	12- 6-57	M	D	. . .	. . .	. . .	
L- 9	C. E. Harvey.	E. G. Delashaw .	D	81	6	Mt	593	35.4	11-19-58	Tj	D	. . .	11	110	Casing: 6-in. to 81 ft.
L-10	Cleveland Sharp . . .	. . . . .	D	93.1	6	Mt	596	3.1	12- 9-57	M	D	. . .	46	232	
L-11	. . . . do	. . . . .	D	28.1	6	Qu	594	1.6	. . do . .	M	D	. . .	53	106	
L-12	Donald Eubank	. . . . .	D	45.4	6	Mt	582	26.8	11-19-58	Pv	D	63	18	156	Hand pump.
L-13	Harrison Sharp. . . .	. . . . .	D	62.9	6	Mt	590	20.2	12- 5-57	M	D	64	18	160	
L-14	C. K. Pitt.	. . . . .	D	. . . .	6	Mt	620	. . . .	. . . . .	Tj	D	. . .	25	170	
L-15	W. E. Sivley	. . . . .	D	153.0	6	Mt	613	54.4	11-19-58	M	D	62	11	164	
L-16	D. H. McClellan. . .	. . . . .	D	. . . .	6	Mt	565	. . . .	. . . . .	Pv	D	. . .	32	230	Windmill.
L-17	. . . . do	. . . . .	D	37.3	6	Mt	573	7.3	12-10-57	M	D	. . .	39	70	
L-18	Charlie Morris. . . .	Curry Bros	D	78	6	Ms-Mt	608	35	6-23-58	Tj	D	63	11	130	Cavity from 73 to 76 ft.
L-19	J. E. Bean	Crowe Drilling Co.	D	100.0	6	Mt	596	61.0	11-25-58	N	N	. . .	. . .	. . .	
L-20	E. G. Sandlin.	. . . . do	D	151	6	Mt	602	56	. . . . .	Tj	D	. . .	18	230	
L-21	. . . . do	. . . . .	D	. . . .	6	Mt	568	. . . .	. . . . .	Ph	P	. . .	25	264	Supplies store and tackle shop.
L-22	J. Wilkerson	. . . . .	D	66.1	6	Mt	573	21.3	12-10-57	M	D	. . .	18	192	
L-23	A. M. Peck - H.M. Turney.	Crowe Drilling Co.	D	90	6	Mt	610	75	. . . . .	Tj	D	. . .	18	198	
L-24	C. W. Gaylor.	. . . . .	D	. . . .	6	Mt	600	. . . .	. . . . .	Tj	D	. . .	18	222	
L-25	Charles Hardwick . .	. . . . .	D	39.0	6	Mt	568	22.8	11-21-58	N	N	. . .	. . .	. . .	
L-26	U.S. Dept. of Interior, Fish & Wildlife.	. . . . .	D	300	4	Mt	568	. . . .	. . . . .	Pv	P	. . .	18	106	Supplies headquarters of game refuge.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
L-27	Boyd Drake	. . . . .	D	39.9	6	Mt	582	28.1	11-20-58	N	N	. . .	18	156	
L-28	J. L. Joly	. . . . .	D	74.0	6	Mt	582	6.9	. . do . .	Tj	D	. . .	18	156	
L-29	. . . . do	. . . . .	D	25.1	6	Qu	567	8.5	. . do . .	Tj	N	. . .	. . .	. . .	
L-30	Pitts Motel	Hurst Machine Works.	D	32	4	Qu	577	20	. . . . .	Tj	P	63	11	104	Supplies 50-unit motel, dining room, and 2 houses. Two pumps in well.
L-31	. . . . do	. . . . do	D	228	6	Mt	577	26.3	11-24-58	N	N	. . .	. . .	. . .	Observation well.
L-32	Joe Paris	. . . . .	D	50.0	6	Mt	582	19.3	11-19-58	M	D	62	18	166	
L-33	Chester Mathews . .	. . . . .	Du	17.0	12	Qu	572	12.2	11-21-58	M	D	64	89	138	
L-34	C. N. Lott.	. . . . .	D	200	6	Mt	575	58.1	11-20-58	Tj	D	. . .	18	182	
L-35	S. W. Page	. . . . .	D	21.0	6	Qu	562	10.1	. . do . .	Pp	D	63	46	180	
L-36	H. L. Douthit.	. . . . .	D	33.0	6	Mt	563	9.9	. . do . .	Tj	D	. . .	18	162	
L-37	Mose Crutcher	. . . . .	D (?)	23.0	8	Qu	573	16.9	11-21-58	M	D	63	11	164	
L-38	James Johnson	. . . . .	D (?)	18.6	8	Qu	585	11.5	11-19-58	M	D	63	32	68	
L-39	. . . . do	. . . . .	D	39.3	6	Mt	587	13.8	. . do . .	N	N	. . .	. . .	. . .	
L-40	J. D. Taylor	Michael Drilling Co.	D	49.1	6	Mt	595	11.3	7-21-58	Tj	D	. . .	18	142	
L-41	W. F. Lamon	. . . . .	D	65.0	6	Mt	595	27.5	11-20-58	Tj	D	. . .	18	184	
L-42	Jim English	Albany-Decatur Oil and Gas Co.	D	4,130	12	. .	593	32.8	12-17-58	. .	. .	. . .	. . .	. . .	Oil-test well. (Spec. Rept. 15, p. 164.)
L-43	. . . . do	. . . . .	Du	40.0	36	Qu	597	32.6	11-20-58	Tj	D	. . .	11	180	
L-44	Thomas Bogle	Hurst Machine Works.	D	41.4	6	Mt	601	17.3	6-10-58	N	N	. . .	18	180	Samples in files of U.S. Geol. Survey.
L-45	Ray Parker	Michael Drilling Co.	D	40	6	Mt	585	20.9	11-20-58	Tj	D	. . .	11	126	Water at 32 and 38 ft. Bedrock at 27 ft. Bail test, 40 gpm; drawdown, 8 ft.
L-46	Virgil Monk.	. . . . do	D	40.5	6	Mt	577	5.2	7-17-58	M	D	62	11	134	
L-47	J. A. Bogle.	. . . . .	D	135	6	Mt	616	50	9- -56	Tj	D	. . .	11	330	

L-48	N. E. Mitchell. . . .	. . . . .	D	30.0	6	Mt	578	17.6	11-19-58	M	D	63	32	178	
L-49	W. L. Lewis	. . . . .	D	61.9	6	Mt	574	21.1	. . do . .	M	D	62	25	196	
L-50	Willie Rather	. . . . .	D	35.7	6	Ms-Mt (?)	587	22.9	11-21-58	M	D	63	11	200	
L-51	Mary E. Johnson . .	. . . . .	D	50.0	6	Ms-Mt (?)	585	28.7	. . do . .	M	D	62	11	192	
L-52	J. W. Strain	. . . . .	D	55.0	6	Ms-Mt (?)	587	28.6	. . do . .	M	D	62	18	212	
L-53	W. D. Miller	. . . . .	D	41.7	6	Ms-Mt (?)	579	25.8	. . do . .	M	D	62	32	220	
L-54	Ralph Poole	. . . . .	Du	27.3	36	Qu	592	8.6	. . do . .	N	N	. . .	. . .	. . .	
L-55	C. L. Swann	. . . . .	D	61.9	6	Ms-Mt (?)	574	18.3	12- 9-58	Tj	N	. . .	. . .	. . .	
L-56	H. H. Shaneyfelt. . .	Monroe Norris . .	D	34.8	6	Mg (?)	610	29.4	11-10-58	Ph	D,S	. . .	11	222	
L-57	Ted Poole	. . . . .	D	25.0	6	Qu	572	12.6	11-21-58	M	D	63	18	162	
L-58	. . . . do	. . . . .	D	48	6	Ms-Mt	577	23	. . . . .	Tj	D	. . .	18	142	Bedrock at 28 ft.
L-59	David Archer	. . . . .	D	13.4	6	Qu	564	6.5	12- 9-58	M	D	62	53	164	
L-60	E. M. Rowe.	. . . . .	D	60	6	Mt	567	9.9	11-25-58	Tj	D	. . .	11	158	
L-61	E. C. Grantland. . .	. . . . .	D	70	6	Ms-Mt (?)	564	15.3	. . do . .	Tj	D	. . .	18	186	
L-62	Marvin Hughes	. . . . .	D	. . . .	6	Ms-Mt	567	10.8	12- 1-58	Tj	D	. . .	18	164	
L-63	S. W. Page	. . . . .	D	40.0	6	Mt	565	13.2	11-20-58	Pp	D	63	74	220	
L-64	Paul Devine	Walter Miller. . .	D	118.4	6	Mt	592	38.7	1- 7-59	. .	D	. . .	. . .	. . .	Casing: 6-in. to 43 ft. Water at 107 ft. Driller's log in files of U.S. Geol. Survey.
L-65	F. O. Field	Roy Bowling. . . .	D	86.7	5.5	Mt	570	8.6	8- 5-58	. .	D	62	11	170	Casing: 5.5-in. to 40 ft. Water at 80 ft. Bail test, 35 gpm; drawdown, 1.5 ft. Sample log in files of U.S. Geol. Survey.
L-66	. . . . do	. . . . .	D	13.8	6	Mt	570	4.6	12-10-58	M	D	. . .	11	182	Water level fluctuates with Wheeler Reservoir.
L-67	O. M. Trotman . . .	Hurst Machine Works.	D	34.0	6	Mt	565	4.9	10- 9-57	Tj	P	. . .	18	140	Supplies store.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
L-68	J. R. Atchley.	Crowe Drilling Co.	D	119	8-6	Mt	585	50.9	11-25-58	Tj	D	. . .	11	192	Casing: 8-in. to 34 ft.
L-69	David Hulse.	. . . . .	D	. . . .	6	Mt	591	20.3	12- 1-58	Tj	D	. . .	18	62	
L-70	J. R. Mullins	. . . . .	D	. . . .	6	Mt	602	39.9	11-25-58	Tj	D	. . .	25	238	
L-71	W. E. Bean.	. . . . .	Du	11.2	36	Qu	560	5.3	12-17-58	N	D	. . .	. . .	. . .	
L-72	. . . . do	. . . . .	D	100	6	Mt	592	45.9	12- 1-58	Pv	D	. . .	25	160	
L-73	H. L. Clark.	Carl Abercrombie.	D	100	6	Mt	595	10.1	12- 9-57	Tj	P	. . .	25	298	Supplies store.
L-74	. . . . do	. . . . .	D	61.0	6	Mt	602	33.7	12-17-58	M	D	62	18	196	
L-75	Donald Eubank	. . . . .	D	37.0	6	Mt	584	30.2	11-25-58	M	D	63	18	70	
L-76	Hulett Smith.	Hurst Machine Works.	D	80.5	6	Mt	599	35.4	. . do . .	M	D	62	18	144	
L-77	Harold W. Smith. . .	. . . . .	D	132	6	Mt	635	37.9	. . do . .	Tj	D	. . .	11	166	Water at 79 ft.
L-78	W. E. Sivley	. . . . .	D	. . . .	6	Mt	636	46.7	12- 1-58	Tj	N	. . .	. . .	. . .	
L-79	Paul Collier.	. . . . .	D	140	6	Mt	637	42.6	. . do . .	Pv	D	. . .	18	262	
L-80	. . . . do	. . . . .	D	. . . .	6	Mt	646	37.6	12-17-58	Pv	D	. . .	11	218	
L-81	Cave Spring Church	. . . . .	D	. . . .	6	Mt	604	47.8	12- 1-58	Tj	Pc	. . .	18	150	
L-82	Roy R. Moses	Crowe Drilling Co.	D	77	6	Mt	620	37.3	10- 1-58	Tj	D	. . .	11	196	Observation well. Water at 38 and 56 ft. Sample and driller's logs in files of U.S. Geol. Survey.
L-83	Priceville School . .	. . . . do	D	100	6	Mt	629	. . . .	. . . . .	Pv	Ps	. . .	18	178	Supplies 600 students.
L-84	Lavora Garth.	. . . . .	D	87.2	6	Mt	645	70.8	11-25-58	M	D	62	18	182	
L-85	Alma Speegle.	. . . . .	D	57.5	6	Mt (?)	641	50.1	12- 1-58	M	D	62	11	20	Insufficient for domestic supply at times.
L-86	Dewey Hughes	. . . . .	D	66.4	6	Mt	632	42.4	. . do . .	M	D	62	18	222	
L-87	Charlie Rountree . .	. . . . .	D	35.0	6	Ms	640	33.5	12-17-58	N	N	. . .	. . .	. . .	
L-88	A. L. McCreliss . .	. . . . .	D	100	6	Ms-Mt (?)	666	58.1	12- 4-58	Tj	D	. . .	11	200	

L-89	B. A. Byford	Lonzo Summerford.	D	100	6	Mt	635	35	1946	Tj	D	. . .	18	236	
L-90	E. A. Harris	. . . . .	D	87.5	6	Ms-Mt (?)	646	86.4	12- 4-58	N	N	. . .	. . .	. . .	
L-91	Henry Braun	. . . . .	D	55.3	6	Mt	587	34.1	. . do . .	M	D	62	11	130	
L-92	William Campbell . .	. . . . .	D	109	6	Mt	582	19.1	. . do . .	Tj	D	. . .	11	106	Water at 59 and 80 ft.
L-93	Enoch Poole.	. . . . .	Du	25.0	36	Qu	585	22.6	12-17-58	N	N	. . .	. . .	. . .	
L-94	A. G. Brisco.	. . . . .	D	33.9	6	Ms-Mt (?)	560	6.7	12- 5-58	M	D	63	25	244	
L-95	G. W. Vest	. . . . .	D	25.0	6	Ms-Mt (?)	565	7	. . . . .	Tj	D	. . .	18	200	
L-96	Henry Wolf	. . . . .	Du	30.2	36	Qu	578	25.2	12- 9-58	M	D	63	39	166	
L-97	J. F. Moore	. . . . .	D	59.6	6	Ms-Mt	578	15.1	12- 5-58	M	D	62	11	96	
L-98	F. L. Tapscott . . .	. . . . .	D	31.3	6	Mg-Ms (?)	590	27.4	12- 9-58	M	N	62	46	216	
L-99	P. W. Thrasher . . .	. . . . .	Du	21.8	24	Qu	570	3.1	12- 5-58	N	N	. . .	. . .	. . .	
L-100	Curtis Speakman. . .	. . . . .	D	37.5	6	Mg-Ms (?)	580	9.5	. . do . .	Tj	D	. . .	25	194	
L-101	Flint School	. . . . .	D	132	6	Mt	600	48.8	. . do . .	N	N	. . .	. . .	. . .	
L-102	W. P. Garth	. . . . .	D	13.0	6	Qu	570	12.1	. . do . .	M	D	63	32	128	
L-103	Mary McClellan . . .	. . . . .	D	28.3	6	Mg	632	23.6	. . do . .	M	D	63	11	48	
L-104	R. H. Hogan	. . . . .	D	71.1	6	Mg-Ms (?)	605	41.3	11-21-58	M	D	62	11	236	
L-105	Ted Poole	. . . . .	Du	24.7	36	Qu	612	19.3	12- 9-58	M	D	62	18	158	
L-106	W. P. Woodruff . . .	. . . . .	D	103.0	6	Ms-Mt	622	33.6	11-21-58	Tj	D	. . .	11	268	
L-107	M. E. Busbey	. . . . .	D	93	6	Ms-Mt	623	85.3	. . do . .	Tj	D	. . .	11	158	
L-108	B. K. Wiggins	. . . . .	D	103	6	Ms-Mt	630	46	1950	Tj	D	. . .	18	222	
L-109	James Alexander . .	Hurst Machine Works.	D	122	6	Ms-Mt	635	49.0	12- 9-58	N	N	. . .	. . .	. . .	Sample log in files of U.S. Geol. Survey.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
L-110	C. K. Day.....	.....	Du	26.3	36	Qu	600	20.4	12- 9-58	Tj	D	...	39	188	
L-111	B. P. Mann.....	.....	D	45.0	6	Mg	670	27.2	12- 5-58	M	D	62	11	250	
L-112	....do.....	.....	S	....	..	Mg	648	....	.....	..	D	58	18	100	Known as Bird Spring. Estimated flow, 5 gpm on 12-5-58.
L-113	P. H. Clark.....	.....	Du	20	36	Qu	665	15	.....	Pp	D	...	...	...	
L-114	Neal Simpson.....	.....	S	....	..	Mg	630	....	.....	Tj	D	61	11	136	Unnamed spring. Estimated flow, 50 gpm on 12-5-58.
L-115	Glenn Speakman...	.....	D	33.5	6	Mg	580	20.1	12- 5-58	M	D	62	39	324	
L-116	Minor Hill School..	.....	Du	14.8	36	Qu	570	10.6	12-17-58	N	N	...	...	...	
L-117	T. A. Willingham..	-- Slaten.....	D	42	6	Mg (?)	573	15	.....	Tj	D	...	32	218	
L-118	B. M. Grant.....	Claude Tucker..	D	79	6	Mg-Ms	603	49.0	12-17-58	Tj	N	...	...	...	
L-119	E. R. Groves.....	.....	D	50.0	6	Mg-Ms	570	22.0	12- 9-58	M	D	62	25	202	
L-120	Nathan Pryor.....	.....	D	63.5	6	Mh-Mg	685	28.1	12-17-58	M	D	62	32	138	
L-121	T. M. Harvey	.....	Du	20.1	36	Qu	572	14.2	12- 4-58	N	N	...	...	...	
L-122	F. E. Burleson ...	.....	D	63.0	6	Mt	603	25.1	..do..	M	D	62	18	214	
L-123	....do.....	.....	D	126	6	Mt	615	54.7	..do..	Tj	D,S	...	32	220	
L-124	Judson Hudson....	.....	D	59.1	6	Ms-Mt (?)	638	32.2	..do..	M	D	62	11	150	
L-125	Frank Burns, Jr...	.....	D	90	6	Mt	630	61.9	..do..	Tj	D	...	11	188	
L-126	B. A. Moorehead..	.....	D	56.7	6	Mh	805	51.9	12- 2-58	N	N	...	...	...	
L-127	Allen Hamilton....	.....	D	127.8	6	Mt	648	75.7	12- 4-58	M	D	62	18	164	
L-128	W. F. Fletcher ...	.....	D	34.9	6	Mh	802	24.0	..do..	M	D	62	11	36	
L-129	W. E. Moorehead..	.....	D	20.0	6	Qu	640	15.6	12- 2-58	N	N	...	...	...	

L-130	Ada Rountree.....	.....	D	30.6	6	Ms-Mt	625	11.1	12- 4-58	M	D	62	60	200	
L-131	George Hudson....	.....	D	82.5	6	Ms-Mt	622	17.3	12-18-58	M	D	62	67	260	
L-132	J. M. Sams.....	.....	D	23.2	6	Mg-Ms	614	22.9	. . do . .	N	N	. . .	. . .	. . .	
L-133	.... do	.....	D	25	6	Mg-Ms	603	8.4	. . do . .	Pp	D	63	60	252	
L-134	Powers Booth.....	.....	D	64.0	6	Mg-Ms	615	16.5	. . do . .	Tj	D	. . .	18	244	
L-135	F. E. Burleson ...	.....	D	106.3	6	Mh	802	30.3	. . do . .	M	D	62	11	90	
L-136	Harold Clemons ...	.....	D	29.7	6	Mh	685	2.6	. . do . .	Tj	D	. . .	11	20	
L-137	.... do	.....	D	325	6	Mh	792	65.8	. . do . .	Ts	D	. . .	18	68	
L-138	.... do	.....	D	58.1	6	Mh	768	28.2	12-19-58	N	N	. . .	. . .	. . .	
L-139	Indian Hills Golf Club.	.....	D	90	6	Mg	795	48.3	12-18-58	Pv	P, Irr	. . .	11	210	
L-140	W. M. Griffith....	.....	D	43.0	6	Mh	768	40.2	12-19-58	M	D	63	18	34	
L-141	Hayes Brown	.....	D	35	6	Mg-Ms	568	7.7	1- 7-59	Pp	D	61	177	238	
L-142	Eric Howell.....	.....	Du	33.4	36	Qu	590	31.1	. . do . .	M	D	61	96	166	
L-143	H. F. Adams.....	.....	D	96.8	6	Mg-Ms	610	52.1	. . do . .	N	N	62	25	222	
L-144	Douglas Orr.....	.....	D	24.6	6	Mh	665	18.8	1-13-59	M	D	61	39	40	
L-145	Louie Compton....	Crowe Drilling Co.	D	74	6	Mh	655	....	.....	Tj	D	. . .	11	124	Water at 24 ft. Dry cavity 69 to 72 ft., plugged off. Bail test, 2 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
L-146	Marie Norris.....	.....	D	49.7	6	Mg	610	48.1	1- 7-58	N	N	. . .	. . .	. . .	
L-147	W. T. Morgan	.....	D	148.8	6	Mg	725	88.3	. . do . .	M	D	62	32	224	
L-148	Marvin Sandlin....	.....	S	....	..	Mg	595	....	.....	..	N	62	18	174	Estimated flow, 20 gpm on 1-7-58.
L-149	Tom Wynn.....	.....	D	99.0	6	Mh	650	58.0	1- 7-58	M	D	62	11	80	
L-150	S. D. McAbee	.....	D	25.5	6	Mh	652	17.1	1-13-59	M	D	61	39	58	
L-151	U.S. Dept. of Interior, Fish & Wildlife.	.....	S	....	..	Mg	570	....	.....	..	N	60	11	108	Unnamed spring. Estimated flow, 20 gpm on 1-13-59.
L-152	Oak Ridge Community Club.	.....	D	39.0	6	Mh	641	7.2	1- 7-58	Tj	D	. . .	. . .	. . .	
L-153	M. G. Sivley.....	.....	D	67.1	6	Mh	645	65.1	. . do . .	M	N	62	18	56	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
L-154	Tennessee Valley Authority.	. . . . .	S	. . . .	. .	Mg	558	. . . .	. . . . .	. .	N	62	11	124	Unnamed spring. Estimated flow, 10 gpm on 1-7-58.
L-155	Alabama Highway Dept.	. . . . .	D	38.7	6	Mh	730	34.3	1-13-59	M	D	61	25	120	
L-156	Hayes Brown	. . . . .	D	26.9	6	Mg	585	16.6	. . do . .	N	N	. . .	. . .	. . .	
L-157	Leonard Wallace. . .	. . . . .	D	58.5	6	Mh	743	50.1	. . do . .	M	D	62	25	48	
L-158	Willie Lock	. . . . .	D	44.4	6	Mh	725	40.1	12-19-58	N	N	. . .	. . .	. . .	
L-159	G. H. Akin	. . . . .	D	12.2	6	Mh (?)	755	5.3	. . do . .	N	N	. . .	. . .	. . .	
L-160	. . . . do	. . . . .	D	36.9	6	Mh	762	28.1	. . do . .	M	D	62	25	22	
L-161	W. T. Clemons . . .	. . . . .	D	25.8	6	Mh	752	21.0	. . do . .	M	D	63	25	22	
L-162	R. A. Payne	. . . . .	Du	14.1	36	Qu	615	6.1	. . do . .	M	D	63	32	200	
L-163	W. M. Griffith. . . .	. . . . .	D	69	6	Mh	763	36	. . . . .	Tj	D	. . .	11	84	
L-164	Kathryn Cook.	. . . . .	D	46.1	6	Mh	741	29.1	12-19-58	M	D	62	32	46	
L-165	Allen Hamilton. . . .	. . . . .	Du	11.2	36	Qu (?)	720	3.8	. . do . .	M	D	63	25	28	
L-166	Carl Schweitzer . . .	. . . . .	D	26.2	6	Mh	721	15.1	. . do . .	Tj	D	. . .	11	32	
L-167	W. M. Bean.	. . . . .	D	61.8	6	Mh-Mg	726	28.8	. . do . .	M	D	62	11	140	
L-168	C. K. Pitt.	Hurst Machine Works.	D	90.6	6	Mt	610	40.3	3-31-60	Tj	D	. . .	18	180	Casing: 6-in. to 76.5 ft. Water at 78 ft. Pumped 13 gpm; drawdown, 6 ft.
L-169	Crescent Amusement Co.	. . . . .	D	100.5	6	Mt	564	11.8	8-20-59	Ts	Irr	. . .	7	136	Water is used on lawn of Crescent Motel.
L-170	C. D. Thompson. . .	Crowe Drilling Co.	D	121	6	Mt	620	34.1	6-15-59	Tj	D	. . .	25	302	Sample log in files of U.S. Geol. Survey.
L-171	Robert Buford	. . . . do	D	92.1	6	Mg	585	18.8	. . do . .	Tj	D	. . .	14	240	Water at 52 ft. Sample log in files of U.S. Geol. Survey. Sulfurous.
L-172	Clarence Skipworth	. . . . do	D	110.2	6	Mt	645	72.8	9- 3-59	Tj	D	. . .	4	38	Water at 90 ft. Sample log in files of U.S. Geol. Survey.

L-173	S. D. McAbee	. . . . do	D	201	6	Mg	652	17.7	9- 2-59	N	N	. . .	188	306	Driller's log in files of U.S. Geol. Survey.
L-174	Kyle Kirby.	. . . . do	D	75	6	Mg	652	17.6	6-23-59	Tj	D	. . .	54	296	Bail test, 7 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
M- 1	Gorman Braswell . .	. . . . .	D	. . . .	. .	Ms-Mt	612	. . . .	. . . . .	Tj	D,S	. . .	32	240	
M- 2	B. E. Braswell . . .	. . . . .	D	37.1	6	Ms-Mt	611	21.5	10-10-58	M	D	63	18	164	
M- 3	Douglas Birdyshaw .	Purvin Isley. . . .	D	50	6	Ms-Mt	605	17.6	. . do . .	Tj	D	. . .	18	172	
M- 4	J. B. Hurst.	Hurst Machine Works.	D	37.3	6	Ms-Mt	602	25.6	10- 7-58	M	D,S	63	18	160	
M- 5	Oscar Gerstman. . .	. . . . .	Du	24.2	24	Qu	596	17.5	. . do . .	M	D	62	11	222	
M- 6	J. B. Hurst.	Hurst Machine Works.	D	65.7	6	Ms-Mt	602	30.3	. . do . .	M	D	63	11	234	
M- 7	Oscar Gerstman. . .	. . . . do	D	110	6	Ms-Mt	611	. . . .	. . . . .	Tj	D,S	. . .	39	244	
M- 8	Jink Bogle.	. . . . do	D	83	6	Ms-Mt	609	20.9	7-15-58	Tj	D	. . .	7	260	Sample log in files of U.S. Geol. Survey.
M- 9	U. D. Landers. . . .	. . . . do	D	82	6	Ms-Mt	615	25	1950	Tj	D,S	64	18	202	Casing: 6-in. to 18 ft. Water at 80 ft.
M-10	J. A. Cothren	Luther Sherril . .	D	55.4	8-6	Mg-Ms	635	27.8	10- 7-58	M	D,S	62	32	280	Casing: 8-in. to 7 ft. Water at 40 ft.
M-11	. . . . do	Hurst Machine Works.	D	113	6	Ms-Mt	635	18	1- -56	Pv	D	. . .	11	235	Water at 80 ft.
M-12	Dan Hurst	. . . . do	D	75	. .	Mt	617	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
M-13	. . . . do	. . . . do	D	100	6	Mt	609	20.6	10-13-58	Tj	D,S	62	11	182	
M-14	Wilbur Hopkins. . . .	. . . . do	D	59.7	6	Ms-Mt	608	16.9	10-10-58	Tj	D,S	. . .	18	208	Casing: 6-in. to 20 ft.
M-15	H. C. McLemore . .	. . . . do	D	60.9	6	Ms-Mt	609	19.1	. . do . .	Tj	D	63	11	164	Do.
M-16	Vaughan Holland. . .	. . . . .	D	70	6	Ms-Mt	625	. . . .	. . . . .	Tj	D,S	. . .	25	172	
M-17	Grady Young	. . . . .	D	. . . .	5	. . .	633	. . . .	. . . . .	Tj	D,S	. . .	. . .	. . .	
M-18	Bob Gibson, Jr. . . .	. . . . .	D	66.1	6	Mg-Ms	652	47.5	11-13-58	Tj	N	. . .	. . .	. . .	
M-19	Roy Grizzard.	. . . . .	D	108.5	6	Mt	655	18.5	4-22-58	N	N	. . .	. . .	. . .	
M-20	Floyd M. Brown. . .	Crowe Drilling Co.	D	92.2	6	Mt	642	17.4	4-21-58	M	D	60	4	274	Casing: 6-in. to 39 ft. Bedrock at 8 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
M-21	Charles Norwood . .	. . . . .	D	23.0	4	Mg-Ms	642	10.0	4-21-58	Tj	D	. . .	32	220	
M-22	Herman Russell . . .	. . . . .	D	22.4	6	Mg	665	5.6	. . do . .	M	D	56	39	240	
M-23	Floyd R. Brown . . .	. . . . .	D	63.0	6	Ms-Mt (?)	675	56.8	10-13-58	M	D,S	62	4	173	
M-24	Frank Kitchens. . . .	Hurst Machine Works.	D	28.0	6	Ms-Mt (?)	636	.5	4-21-58	Tj	D,S	. . .	11	186	
M-25	Edgar E. Smith . . .	. . . . do	D	86.1	6	Mg-Ms	695	52.6	10-14-58	Tj	D	. . .	18	226	
M-26	Paul Kornis	. . . . .	S	. . . .	. .	Mg	725	. . . .	. . . . .	. .	D,S	62	11	132	Unnamed spring. Estimated flow, 5 gpm on 10-14-58. Pumped.
M-27	Mattie Puckett	. . . . .	D	77.0	6	Mh	785	53.2	10-14-58	M	D	63	25	70	
M-28	Edward Terry	. . . . .	D	56.9	6	Mg	740	51.4	10-30-58	M	S	63	11	30	
M-29	. . . . do	. . . . .	S	. . . .	. .	Mg	710	. . . .	. . . . .	. .	D,S	62	4	92	Unnamed spring. Estimated flow, 10 gpm on 10-30-58. Pumped.
M-30	S. M. Dollar	. . . . .	S	. . . .	. .	Mg	665	. . . .	. . . . .	. .	D,S	59	18	76	Unnamed spring. Estimated flow, 100 gpm on 5-1-58. Pumped.
M-31	Willard Phillips . . .	Hurst Machine Works.	D	60	6	Ms-Mt	641	30	1955	Tj	D	. . .	11	198	
M-32	C. G. Bynum, Jr . .	. . . . do	D	30	6	Ms	635	20	. . . . .	Tj	D	. . .	39	358	Insufficient for domestic supply.
M-33	M. E. Earwood . . .	. . . . .	S	. . . .	. .	Mg	695	. . . .	. . . . .	. .	D,S	58	11	70	Unnamed spring. Estimated flow, 150 gpm on 5-1-58. Pumped.
M-34	-- Kitchens	. . . . .	D	69.5	6	Ms-Mt	658	19.5	4-22-58	M	N	58	32	. . .	
M-35	C. G. Bynum	Hurst Machine Works.	D	120	6	Mt	638	20	. . . . .	Tj	D	. . .	18	178	Water sulfurous.
M-36	Henry Siberts.	. . . . .	D	75	6	Mt	643	20	. . . . .	Tj	D	. . .	. . .	. . .	
M-37	Homer Reed.	Henry Johnson . .	D	60	6	Mt	640	30	. . . . .	Tj	D	. . .	18	140	Do.
M-38	R. W. Moebes	. . . . .	Du	15	36	Qu	649	9	. . . . .	Tj	D	. . .	25	206	

M-39	.... do	.....	D	107.5	6	Mt	671	9.0	4-22-58	N	N	...	...	...	
M-40	J. E. Russell, Jr..	Hurst Machine Works.	D	82.4	6	Mt	652	32.9	10-14-58	Tj	D,S	...	11	100	Do.
M-41	Raymond Russell ..	.....	D	48.5	6	Mt (?)	634	5.5	5-13-58	Tj	D, P	...	53	...	Supplies store and 1 family.
M-42	Clarence Blackwell.	.....	D	26.0	6	Ms	656	6.5	4-22-58	M	D	60	46	420	
M-43	J. C. Pace	John Russell ...	D	28	6	Ms	655	4	.....	Tj	D	...	11	83	
M-44	J. W. Russell	.... do	D	75	6	Ms-Mt	675	30	8- -50	Pv	D	...	4	302	Water sulfurous. Hand pump.
M-45	.... do	.....	D	66.2	6	Ms-Mt	674	6.2	4-22-58	M	D	58	18	480	Water sulfurous.
M-46	M. Tanner and W.M. Brown.	.....	S	....	..	Mg	675	....	.....	..	D	60	4	144	Unnamed spring. Estimated flow, 200 gpm on 4-22-58. Pumped.
M-47	Pleasant Hill School	.....	D	56	6	Mg	688	20	.....	Tj	Ps	...	...	...	
M-48	Wheeler A. Russell	.....	D	37.0	6	Ms	645	12.2	5-13-58	M	D	62	32	1,062	
M-49	G. A. Woodall	Hurst Machine Works.	D	170.0	6	Mt	760	60.8	4-23-58	N	N	...	...	...	
M-50	Wheeler A. Russell	.... do	D	27	6	Mh	775	18	.....	Tj	D	...	25	40	Casing: 6-in. to 20 ft.
M-51	.... do	.... do	D	85	6	Mg	765	60	1940	Tj	D	...	60	128	Casing: 6-in. to 25 ft.
M-52	D. R. Russell	R. M. Miller...	D	147.0	6	Mg (?)	758	43.0	4-23-58	Tj	D	...	11	36	Water contains gas, probably CO_2.
M-53	T. N. Goree	.....	D	66.5	8	Mh-Mg	775	51.5	.. do ..	Tj	D	...	39	144	
M-54	Carl Stockton.....	.....	Du	22.0	6	Mg (?)	618	11.5	5-13-58	Ph	D	...	96	370	Casing in original dug well. Dug portion filled in around casing.
M-55	T. N. Goree	.....	S	....	..	Mg	675	....	.....	..	N	58	11	80	Unnamed spring. Estimated flow, 200 gpm on 4-23-58.
M-56	Charles Stewart ...	Theo. Hill.....	D	100	6	Mh	780	50	7- -53	Tj	D	...	4	40	
M-57	Joe Whitlow.....	Bill Little	D	55	6	Mh	772	35	1956	Tj	D,S	...	11	40	
M-58	Conservative Baptist Assoc.	.....	S	....	..	Mg	625	....	.....	Tj	P	61	11	164	Unnamed spring. Estimated flow, 5 gpm on 11-4-58. Supplies children's summer camp.
M-59	.... do	Hurst Machine Works.	D	155	6	...	745	....	.....	N	N	...	...	...	Bedrock at 35 ft. Dry hole. Sample log in files of U.S. Geol. Survey.
M-60	.... do	.... do	D	98.9	6	Mg Mt	625	21.8	11- 5-58	N	N	...	...	...	Water sulfurous.
M-61	Melvin Hutson	.....	S	....	..	Mg	620	....	.....	..	N	60	11	100	Unnamed spring. Estimated flow, 50 gpm on 11-4-58.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
M-62	Irvin Williams	. . . . .	D	23.8	6	Mh	769	7.5	5- 1-58	M	D	57	25	32	
M-63	W. A. Howell.	. . . . .	D	65	6	Mh	753	20	4- -56	Tj	D,S	. . .	4	26	Casing: 6-in. to 20 ft.
M-64	. . . . do.	. . . . .	D	51.3	8	Mh	750	31.2	4-23-58	N	N	. . .	. . .	. . .	
M-65	Alton Turner	. . . . .	D	31.8	6	Mh	735	6.4	4-24-58	N	N	. . .	. . .	. . .	
M-66	. . . . do	. . . . .	S	. . . .	. .	Mg	620	. . . .	. . . . .	. .	D	57	11	100	Unnamed spring. Estimated flow, 100 gpm on 4-24-58. Pumped.
M-67	D. M. Prater.	. . . . .	Du	11.4	48	Qu	695	2.4	4-24-58	Tj	D	. . .	18	54	
M-68	J. E. Royer.	. . . . .	D	65	6	Mh	730	30	1956	Tj	D	. . .	4	24	
M-69	J. B. Hitt	. . . . .	S	. . . .	. .	Mh	708	. . . .	. . . . .	. .	D	58	11	38	Unnamed spring. Estimated flow, 10 gpm on 4-24-58.
M-70	Herman Russell . . .	Jim Gray.	D	33.5	6	Mh	672	21.6	4-24-58	M	D	58	103	76	
M-71	Raymond Russell . .	. . . . .	D	29.9	6	Mg	611	5.6	5-13-58	Tj	D	. . .	18	440	Water sulfurous.
M-72	Will Russell.	. . . . .	S	. . . .	. .	Mg	650	. . . .	. . . . .	. .	N	60	11	78	Unnamed spring. Estimated flow, 200 gpm on 5-13-58.
M-73	J. P. Russell.	. . . . .	S	. . . .	. .	Mg	700	. . . .	. . . . .	. .	D	64	4	72	Unnamed spring. Estimated flow, 2 gpm on 5-13-58.
M-74	J. A. McKean	. . . . .	S	. . . .	. .	Mg	630	. . . .	. . . . .	Tj	D	62	18	120	Unnamed spring. Estimated flow, 5 gpm on 5-13-58.
M-75	Will Russell.	. . . . .	S	. . . .	. .	Mg	650	. . . .	. . . . .	. .	D	60	4	90	Unnamed spring. Estimated flow, 50 gpm on 5-13-58.
M-76	R. L. Russell	Hurst Machine Works.	D	50.0	6	Mh	765	45.5	4-23-58	N	N	. . .	. . .	. . .	
M-77	. . . . do	. . . . do	D	122.0	6	Mh	765	66.8	. . do . .	Tj	D	. . .	18	36	
M-78	John T. Robinson . .	. . . . .	Du	22.8	72	Mh	645	3.5	4-24-58	Tj	D,S	59	18	94	
M-79	. . . . do	. . . . .	D	46.4	6	Mh	720	5.3	. . do . .	M	D	57	. . .	. . .	
M-80	C. J. Hazlewood. . .	Charles W. Miller.	D	200	6	Mh	730	50	. . . . .	Pv	D,S	. . .	25	76	
M-81	. . . . do	. . . . .	D	70	6	Mh	732	50	1- -58	N	N	. . .	. . .	. . .	

M-82	R. L. Russell	. . . . .	S	. . . .	. .	Mg	630	. . . .	. . . . .	. .	N	57	4	140	Unnamed spring. Estimated flow, 100 gpm on 4-23-58.
M-83	J. E. Royer.	. . . . .	S	. . . .	. .	Mg	594	. . . .	. . . . .	. .	D	57	11	100	Known as Russell Spring. Estimated flow, 200 gpm on 4-28-58.
M-84	. . . . do	E. G. Delashaw .	D	79.7	6	Ms-Mt	590	3.5	4-25-58	N	N	. . .	. . .	. . .	Water at 60 ft. Water sulfurous.
M-85	Edd Owens.	Hurst Machine Works.	D	57.6	6	Mg-Ms	595	14.8	. . do . .	M	D	61	82	138	Casing: 6-in. to 20 ft. Water at 40 ft. Water sulfurous.
M-86	Bruce Mitchell. . . .	. . . . do	D	121	6	Ms-Mt	620	31	7- -55	Tj	D,S	. . .	46	102	Water sulfurous.
M-87	Benton McDougle . .	. . . . do	D	96.1	6	Mg	705	30.7	10-14-58	M	D,S	62	11	176	
M-88	Lloyd Jenkins.	. . . . .	D	37.8	6	Mh	771	30.8	. . do . .	M	D	64	11	52	
M-89	S. V. Ferguson . . .	. . . . .	S	. . . .	. .	Mg	650	. . . .	. . . . .	. .	D	61	11	130	Unnamed spring. Estimated flow, 3 gpm on 10-15-58.
M-90	J. E. Russell, Sr. .	. . . . .	D	93.8	6	Mg	765	86.6	10-14-58	M	D	64	11	102	
M-91	C. E. Lane	Hurst Machine Works.	D	67	. .	Mh	760	. . . .	. . . . .	Tj	D	65	11	58	
M-92	Minor Russell	. . . . .	D	31.4	6	Mh	745	19.6	10-30-58	M	D	63	53	56	
M-93	. . . . do	. . . . .	D	46.4	6	Mh	725	17.8	. . do . .	M	D	64	11	94	
M-94	Guy Jones	. . . . .	D	64.3	6	Mg	655	60.2	. . do . .	M	D,S	62	39	508	
M-95	Bennie Hicks	Hurst Machine Works.	D	64.3	8	Ms-Mt	615	36.6	11- 6-58	Tj	D,S	63	46	310	Casing: 8-in. to 8 ft.
M-96	C. A. Linderman . .	. . . . do	D	51.8	6	Ms-Mt	612	31.6	11-10-58	Tj	D,S	. . .	32	368	
M-97	Robert E. Smith. . .	. . . . .	D	57.6	6	Ms-Mt	619	35.0	11- 6-58	Tj	D,S	62	18	234	
M-98	Dessie Reed.	. . . . .	D	52.0	6	Ms-Mt (?)	619	20.0	11- 7-58	Tj	D	. . .	18	278	
M-99	Guy Jones	. . . . .	S	. . . .	. .	Mg	649	. . . .	. . . . .	. .	D,S	61	11	114	Unnamed spring. Estimated flow, 10 gpm on 10-15-58.
M-100	J. W. Lamon.	. . . . .	D	65.4	6	Ms-Mt (?)	632	43.1	10-30-58	Tj	D,S	64	18	302	Water sulfurous. Dry in February 1955.
M-101	Chapel Hill Church .	. . . . .	D	77.9	6	Ms-Mt (?)	650	44.3	11- 7-58	N	N	. . .	. . .	. . .	
M-102	W. E. Price	. . . . .	D	36.4	6	Mg	629	18.3	10-30-58	M	D	64	46	1,070	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
M-103	F. L. Bentley	Crowe Drilling Co.	D	175	6	Mt	650	. . . .	. . . . .	Pv	D,S	. . .	18	148	Water at 175 ft. Water slightly sulfurous.
M-104	C. L. Irick	. . . . .	D	187.7	6	Mg (?)	700	63.0	11-10-58	N	N	. . .	. . .	. . .	
M-105	F. B. Bowling	Crowe Drilling Co.	D	100	. .	Ms-Mt (?)	635	75	. . . . .	Pv	D,S	. . .	32	382	
M-106	J. E. Dendy.	E. G. Delashaw Bill Little.	D	61	6	Mg	622	40	8- -57	Tj	D,S	. . .	18	360	
M-107	Ray Washburn	Hurst Machine Works.	D	46.8	6	Ms-Mt	610	26.7	11- 7-58	Tj	D	. . .	. . .	. . .	
M-108	L. A. Rivers	. . . . .	D	38.8	6	Mg	621	34.4	. . do . .	M	D	63	11	336	
M-109	B. L. Rutherford . .	Crowe Drilling Co.	D	100	6	Ms-Mt (?)	602	30	1955	Tj	D,S	. . .	25	254	
M-110	William Mitchell. . .	. . . . .	D	54.0	6	Mg	635	26.2	11-10-58	M	D	62	18	286	
M-111	W. H. Long	. . . . .	D	68.4	6	Mg-Ms	640	44.0	11-12-58	M	D	62	18	288	
M-112	B. K. Wiggins	. . . . .	S	. . . .	. .	Mg	612	. . . .	. . . . .	. .	D,S	63	11	166	Unnamed spring. No runoff. Maintains basin.
M-113	Bob Gibson, Jr. . . .	. . . . .	S	. . . .	. .	Mg	700	. . . .	. . . . .	. .	P	61	11	116	Unnamed spring. Supplies 18 families and about 5 head of cattle.
M-114	I. B. Southern	. . . . .	D	46.6	4	Mh	763	43.0	11-10-58	M	D	62	67	52	
M-115	H. H. Shaneyfelt. . .	Monroe Norris . .	D	38.4	6	Mg	621	30.8	. . do . .	Pv	D,S	. . .	. . .	. . .	
M-116	V. W. Hargett	. . . . .	S	. . . .	. .	Mg	690	. . . .	. . . . .	. .	D	61	4	114	Unnamed spring. Estimated flow, 1 gpm on 11-13-58.
M-117	W. E. Curbow	Monroe Norris . .	D	60.4	6	Ms-Mt	615	26.0	11-12-58	M	D	64	18	180	Casing: 6-in. to 21 ft.
M-118	E. O. Ryan	. . . . .	S	. . . .	. .	Mg	675	. . . .	. . . . .	. .	D,S	61	11	80	Unnamed spring. Estimated flow, 20 gpm on 11-13-58.
M-119	Day Estate.	. . . . .	S	. . . .	. .	Mg	685	. . . .	. . . . .	. .	D	60	4	120	Known as Day Spring. Estimated flow, 1 gpm on 11-12-58.
M-120	H. C. Ryan	. . . . .	D	100.5	6	Mg	777	97.4	11-13-58	N	N	. . .	. . .	. . .	

M-121	L. P. Ratliff	. . . . .	D	100.8	6	Mg	779	95.0	. . do . .	M	D	62	18	100	
M-122	A. A. Stephenson . .	Hurst Machine Works.	D	115.2	6	Mg	780	103.6	. . do . .	M	D	63	18	92	
M-123	I. M. Rogers	. . . . .	S	. . . .	. .	Mg	590	. . . .	. . . . .	. .	S	61	11	194	Known as Blue Spring. Estimated flow, 1,000 gpm on 11-19-58. Flow ranges from 0 to several thousand gpm.
M-124	Margaret Looney . .	. . . . .	D	33.0	6	Mg (?)	605	19.0	11-19-58	M	D	64	46	156	
M-125	E. M. Chenault . . .	. . . . .	S	. . . .	. .	Mg	660	. . . .	. . . . .	. .	D, S	61	11	96	Unnamed spring. Estimated flow, 1 gpm on 11-19-58.
M-126	Paul Hicks.	Hurst Machine Works.	D	52.9	6	Mg	602	18.6	10-15-58	Tj	D, S	. . .	60	198	Casing: 6-in. to 14 ft. Water at 22 ft. Water sulfurous.
M-127	James Alexander . .	Homer Glenn . . .	D	96.7	6	Ms-Mt (?)	605	21.8	11-19-58	Tj	D, S	. . .	53	92	Casing: 6-in. to 12 ft. Water sulfurous.
M-128	I. M. Rogers	. . . . do	D	68.0	6	Mg	619	39.2	. . do . .	M	D	62	11	368	Water reported sulfurous. More sulfurous after rain and in winter.
M-129	Roy McDougle	. . . . .	D	28.9	6	Mg	591	19.0	. . do . .	M	D	63	39	320	
M-130	Ruth Duncan	. . . . .	Du	18.8	36	Mg	620	4.3	5-29-58	Tj	D	. . .	11	384	Water slightly sulfurous.
M-131	J. L. Self	. . . . .	D	65	6	Mg	593	30	1950	Tj	D	. . .	18	208	Water sulfurous.
M-132	Allen Lanier	Hurst Machine Works.	D	72.5	6	Mg	660	29.5	5-15-58	M	D	61	11	270	
M-133	F. Roberts	. . . . .	D	100	6	Mg	660	70	. . . . .	Pv	D	64	25	26	Hand pump.
M-134	Robert E. Putnam. .	Hurst Machine Works.	D	106	6	Mg	675	63	7- -53	Tj	D	. . .	18	20	Casing: 6-in. to 65 ft.
M-135	C. E. Hill	. . . . do	D	153	6	Mg-Ms	684	70	1950	Tj	D	. . .	18	24	
M-136	Jim Baker	. . . . do	D	95.3	6	Mh-Mg	647	23.8	5-15-58	M	P	63	18	218	Casing: 6-in. to 27 ft. Water at 39 ft. Supplies store.
M-137	E. H. Lowery	. . . . .	Du	27.3	36	Qu	642	21.5	. . do . .	Tj	N	. . .	. . .	. . .	
M-138	Emitte Melson	Hurst Machine Works.	D	170.0	6	Ms-Mt (?)	645	24.1	. . do . .	Tj	D	63	25	212	
M-139	. . . . do	Theo. Hill	D	63.6	6	Mg	645	23.6	. . do . .	Tj	D	62	25	56	
M-140	Thelma Bowling . . .	. . . . .	Du	25.1	48	Mh	670	21.5	5-23-58	Tj	D	60	18	182	
M-141	O. J. Horton	Crowe Drilling Co.	D	199.6	6	Ms-Mt	675	70	2- -58	Tj	D	. . .	18	20	Water slightly sulfurous.
M-142	. . . . do	. . . . do	D	197.9	6	Ms-Mt	670	79.1	4-15-58	N	N	. . .	. . .	. . .	Sample and driller's logs in files of U.S. Geol. Survey. Sealed and covered.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
M-143	W. H. Black	. . . . .	D	75.7	6	Mg	665	36.3	5-22-58	M	D	62	53	264	
M-144	J. A. Singleton. . . .	Hurst Machine Works.	D	45.6	6	Mg	670	33.2	5-23-58	M	D	62	25	164	
M-145	Jim Baker	. . . . .	D	78.9	6	Mh	680	50.4	5-28-58	M	D	62	18	48	
M-146	J. M. Robinson . . .	. . . . .	D	50	6	Mg	640	25	. . . . .	Tj	D	. . .	11	144	
M-147	Howard Zills	Hurst Machine Works.	D	97.0	6	Mg	640	22.2	5-15-58	Tj	D	. . .	11	198	
M-148	Gertrude Dunlap. . .	. . . . .	D	90	6	Mg	660	30	8- -56	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 40 ft.
M-149	Willy Owen	. . . . .	D	35	4	Mh	668	25	. . . . .	Pv	D	63	18	76	Hand pump.
M-150	Margret Ledlow . . .	Theo. Hill	D	62	6	Mg	669	30	. . . . .	Tj	D	. . .	25	162	
M-151	James Newton	. . . . do	D	48.8	6	Mh	671	38.3	5-26-58	M	D	63	18	52	
M-152	E. H. Lowery	. . . . .	D	63.0	6	Mh	676	40.6	. . do . .	N	N	. . .	. . .	. . .	
M-153	J. H. Gilliland. . . .	. . . . .	Du	25.2	30	Mh	633	8.2	5-15-58	Tj	D	. . .	11	100	
M-154	E. H. Lowery	. . . . .	D	71.8	6	Mg	675	48.1	5-26-58	M	D	63	18	188	
M-155	Fanny Evans	. . . . .	D	45.7	6	Mh	686	24.5	5-28-58	M	D	60	138	74	
M-156	. . . . do	. . . . .	D	62.9	6	Mg (?)	694	50.7	. . do . .	M	D	63	32	102	
M-157	James Bates	. . . . .	D	39.4	6	Mh	685	23.4	. . do . .	M	D	61	60	38	
M-158	Bill Crabtree.	. . . . .	D	50.0	6	Mg	670	33.6	5-27-58	M	D	62	18	100	
M-159	T. M. Kitchens . . .	. . . . .	D	36.4	6	Mh	715	14.5	5-22-58	M	D	60	96	84	
M-160	Henry G. French . .	. . . . .	D	65	6	Mh	710	40	. . . . .	Tj	D	. . .	11	114	
M-161	. . . . do	. . . . .	D	49.4	6	Mh	705	43.6	5-22-58	Tj	D	. . .	32	188	
M-162	A. Lowery.	. . . . .	D	28.8	6	Mh	705	10.6	. . do . .	M	D	61	18	88	
M-163	E. L. Slayton.	. . . . .	D	95	6	Mh	685	10	2- -58	Tj	D	. . .	11	84	
M-164	Lester Fuller.	. . . . .	D	65.3	6	Mh	690	41.3	5-22-58	M	D	60	4	30	
M-165	W. A. Moore.	. . . . .	D	65	6	Mh	692	40	8- -56	Tj	D	. . .	. . .	. . .	

M-166	W. J. French.	. . . . .	D	60	6	Mg	654	25	6- -55	Tj	D	63	11	56	
M-167	A. A. Bowling	. . . . .	D	40.9	6	Mh-Mg	650	27.0	5-16-58	M	D	62	25	36	Casing: 6-in. to 20 ft.
M-168	J. T. Royer.	. . . . .	D	40.0	6	Mh-Mg	662	22.9	5-15-58	M	D	60	11	58	
M-169	J. E. Royer.	. . . . .	D	33.1	6	Mh	694	6.0	5-20-58	M	D	60	32	34	
M-170	Jerry Royer.	Hurst Machine Works.	D	100	6	Mh-Mg	705	40	1950	Tj	D	. . .	25	86	
M-171	Raymond Royer . . .	. . . . .	D	50	6	Mh	702	20	. . . . .	Tj	D	. . .	25	26	
M-172	Bellview Church. . .	. . . . .	D	82.5	6	Mh (?)	720	54.1	5-16-58	N	Pc	. . .	. . .	. . .	
M-173	P. D. Barlow	Theo. Hill.	D	60	6	Mh	700	30	. . . . .	Tj	D	. . .	4	32	
M-174	T. A. Moore	. . . . .	D	65	6	Mh	692	20	. . . . .	Tj	D	63	18	28	
M-175	Fred Moates	. . . . .	D	33.8	6	Mh	680	15.2	5-21-58	N	N	. . .	. . .	. . .	
M-176	D. E. Maples.	. . . . .	S	. . . .	. .	Mh (?)	640	. . . .	. . . . .	. .	D	59	11	116	Unnamed spring. Estimated flow, 200 gpm on 5-21-58.
M-177	J. W. Hughes.	. . . . .	D	29.7	6	Mh	648	17.2	5-21-58	Tj	D	. . .	18	24	
M-178	Hollis Cowart.	Theo. Hill.	D	75.0	6	Mg	680	53.6	5-20-58	Tj	D	62	18	116	
M-179	Henry Bullard	. . . . .	D	65.7	6	Mh	692	49.7	. . do . .	M	N	63	18	38	
M-180	. . . . do	Hurst Machine Works.	D	72	6	Mh	690	25	8- -57	N	N	. . .	. . .	. . .	
M-181	. . . . do	Theo. Hill.	D	56	6	Mg	686	50	8- -56	Tj	D,S	. . .	18	176	
M-182	. . . . do	Hurst Machine Works.	D	58.3	6	Mh	664	31.8	5-20-58	M	N	61	18	70	
M-183	W. L. Rhodes	Theo. Hill.	D	40.5	6	Mg	660	15.1	5-21-58	Tj	D	. . .	11	132	
M-184	Fred Long.	. . . . .	D	51.2	6	Mg	657	16.5	. . do . .	Tj	D	. . .	25	118	
M-185	J. W. Long	. . . . .	D	100	6	Mh (?)	670	40	7- -55	Pv	D	. . .	. . .	. . .	Hand pump.
M-186	. . . . do	. . . . .	D	51.1	6	Mh (?)	679	38.4	5-21-58	N	N	. . .	. . .	. . .	
M-187	. . . . do	A. G. Hare	D	205	6	Mh	678	75	7- -56	Tj	D,S	. . .	11	70	
M-188	Marvin Kitchens . . .	. . . . .	D	65	6	Mh	668	30	. . . . .	Tj	D	. . .	11	36	
M-189	. . . . do	. . . . .	D	45.9	6	Mh	633	19.3	5-22-58	N	N	. . .	. . .	. . .	
M-190	. . . . do	. . . . .	D	50	6	Mg	635	20	8- -56	Tj	D,S	. . .	18	134	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
M-191	W. O. King	. . . . .	D	32.5	6	Mh	670	13.2	5-22-58	N	N	. . .	. . .	. . .	
M-192	W. T. Crabtree . . .	. . . . .	D	75	6	Mh Mg	675	30	. . . . .	Tj	D	. . .	32	160	
M-193	Manard Layman . . .	. . . . .	S	. . . .	. .	Mg	610	. . . .	. . . . .	. .	D	62	11	84	Unnamed spring. Estimated flow, 50 gpm on 5-27-58.
M-194	W. T. Crabtree . . .	. . . . .	D	26.3	6	Mh	668	25.2	5-27-58	N	N	. . .	. . .	. . .	
M-195	Manard Layman . . .	. . . . .	S	. . . .	. .	Mg	610	. . . .	. . . . .	. .	D	60	11	114	Unnamed spring. Estimated flow, 25 gpm on 5-27-58.
M-196	A. E. Ware	. . . . .	S	. . . .	. .	Mg	615	. . . .	. . . . .	. .	D	57	11	88	Unnamed spring. Estimated flow, 5 gpm on 5-27-58. Dry in dry seasons.
M-197	B. B. Buzbee.	. . . . .	Du	63.5	20	Mg	648	44.2	5-27-58	Tj	D	. . .	11	170	
M-198	D. Hughes	. . . . .	D	42.3	8	Mh	700	18.8	. . do . .	M	D	59	25	68	
M-199	B. Mitchell	. . . . .	D	44.6	6	Mh	692	21.2	5-28-58	M	D	59	25	52	
M-200	Gilbert Rhodes	. . . . .	S	. . . .	. .	Mh	640	. . . .	. . . . .	. .	D,S	58	32	58	Unnamed spring. Estimated flow, 10 gpm on 5-28-58. Pumped.
M-201	Dewey Miller	Homer Glenn . . .	D	90	6	Mg	640	30	7- -56	Tj	D	. . .	82	142	
M-202	Dan Sparkman	. . . . .	Du	20.8	36	Mg	620	11.7	5-29-58	Tj	D,S	. . .	25	370	
M-203	. . . . do	. . . . .	D	53	6	Mg	610	30	7- -52	Tj	D,S	. . .	25	426	Casing: 6-in. to 20 ft. Water sulfurous.
M-204	I. M. Rogers	Crowe Drilling Co.	D	51.3	6	Mg	640	8.2	9-18-59	Tj	D	. . .	. . .	. . .	Bail test, 90 gph.
M-205	Grady Roberts	Troy Moore	D	157	6	Mh-Mg	740	44.4	11-19-58	Tj	D	. . .	11	78	
M-206	Jimmie Jones.	. . . . .	Du	39.0	30	Mh	670	36.4	1-13-59	Tj	P,D	. . .	18	14	Water at 39 ft. Supplies store and 3 families.
M-207	T. J. Loggins	Crowe Drilling Co.	D	81	6	Mg	748	36.5	7-29-58	Tj	D	61	11	124	Water at 55 ft. Bail test, 400 gph. Sample log in files of U.S. Geol. Survey.
M-208	Baker Bros	. . . . .	Du	29.7	6	Mh	756	21.8	12- 4-58	M	D	64	11	24	Tile casing in dug well, filled in around casing.
M-209	L. B. Shaneyfelt. . .	Hurst Drilling Co.	D	116.7	6	Mg-Ms	630	72.5	1-14-59	Tj	D	. . .	25	180	Casing: 6-in. to 15 ft.
M-210	Lane Herring.	. . . . .	D	51.5	8	Mh	722	44.8	12- 4-58	M	D	63	11	70	Casing: 6-in. to 12 ft.

M-211	Judson Herring. . . .	. . . . .	D	32.3	6	Mh	712	16.3	. . do . .	N	N	. . .	. . .	. . .	
M-212	Rosalie Smith.	. . . . .	S	. . . .	. .	Mg	589	. . . .	. . . . .	. .	D,S	58	67	172	Unnamed spring. Estimated flow, 2 gpm on 2-12-59.
M-213	Eason Shumake. . . .	. . . . .	S	. . . .	. .	Mg	580	. . . .	. . . . .	. .	D	56	11	36	Unnamed spring. Estimated flow, 50 gpm on 2-26-59.
M-214	J. B. Layton	E. G. Delashaw .	D	56.9	6	Mh	699	22.4	2-16-59	Tj	D	. . .	11	98	Casing: 6-in. to 22 ft. Water at 42 ft.
M-215	Johnny Hill	. . . . .	D	79	8	Mh-Mg	650	15.9	. . do . .	Tj	D,S	62	18	118	
M-216	Brown Estate.	. . . . .	D	. . . .	6	Mg	691	49.0	. . do . .	N	N	. . .	. . .	. . .	
M-217	Cleve Blackwood. . .	Johnny Harris . .	D	242.2	6	Mg (?)	718	91.4	2-18-59	M	D	62	18	144	
M-218	Odis Hill	Hurst Drilling Co.	D	82.7	6	Mg	695	74	8- -53	Tj	D	. . .	18	52	Casing: 6-in. to 8 ft. Water at 80 ft.
M-219	Monroe Christian . .	. . . . .	D	39.5	6	Mh	685	16.7	2-18-59	M	D	58	25	68	
M-220	W. O. King	. . . . .	S	. . . .	. .	Mg	580	. . . .	. . . . .	. .	D,S	61	4	78	Unnamed spring. Estimated flow, 100 gpm on 5-22-58.
M-221	D. M. Brown.	. . . . .	D	26.5	6	Mh	685	9.6	2-18-59	Tj	D,S	. . .	110	108	
M-222	Ellis E. Brown. . . .	. . . . .	D	97	6	Mg	682	93	. . . . .	Tj	D,S	. . .	11	56	
M-223	R. E. Brown	. . . . .	D	22.6	6	Mh	650	6.3	2-18-59	M	D	56	152	98	
M-224	. . . . do	Johnny Harris . .	D	253	6	Ms-Mt	645	72.6	. . do . .	Ts	D	. . .	337	72	Water slightly sulfurous.
M-225	T. B. Clark.	Hurst Drilling Co.	D	86.6	6	Mg	642	44.5	3- 4-59	M	D	62	103	82	Casing: 6-in. to 17 ft. Water slightly sulfurous.
M-226	Perry Orr.	. . . . .	D	35.9	6	Mh	680	10.8	2-24-59	M	D	57	11	20	
M-227	W. J. Williams . . .	. . . . .	D	25.4	6	Mh (?)	675	8.2	2-18-59	N	N	. . .	. . .	. . .	
M-228	Gurley Johnson. . . .	. . . . .	D	59.5	6	Mh	690	29.0	2-24-59	M	D	62	25	26	
M-229	James Hogan	. . . . .	D	42.2	6	Mh	665	22.3	. . do . .	M	D,S	62	11	32	
M-230	J. C. Boger.	. . . . .	D	69.4	6	Mg	650	56.6	. . do . .	M	D,S	63	46	132	
M-231	C. A. Lewis	E. G. Delashaw .	D	64.9	6	Mh	695	17.0	2-26-59	Tj	D	60	18	36	
M-232	Eason Shumake. . . .	. . . . .	S	. . . .	. .	Mg	610	. . . .	. . . . .	. .	D	58	18	40	Unnamed spring. Estimated flow, 100 gpm on 2-26-59.
M-233	H. W. Sparkman. . .	. . . . .	D	54.5	6	Mh	695	7.9	2-26-59	M	D	60	32	40	Insufficient for domestic supply.
M-234	Wilmer Sparkman. .	. . . . .	D	43.1	6	Mh	701	17.0	. . do . .	M	D	62	67	136	
M-235	A. J. Downs	. . . . .	D	195	6	Ms-Mt (?)	640	100	. . . . .	N	N	. . .	. . .	. . .	Water sulfurous.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface (feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
M-236	Elmer W. Puckett. .	. . . . .	D	41.2	6	Mh	695	4.5	2-26-59	M	D,S	58	11	16	
M-237	Marvin Parker. . . .	. . . . .	D	50.0	6	Mg	638	46.7	2-27-59	M	D	63	32	98	
M-238	Fletcher Byrd	Crowe Drilling Co.	D	75	6	Ms	596	6	. . . . .	Tj	D	. . .	11	232	Water at 35 ft. Bailed 30 gpm, drawdown 28 ft. Sample log of dry well, 176 ft. deep, 30 ft. away, in files of U.S. Geol. Survey.
M-239	Prentice Clark. . . .	. . . . do	D	246	8	Mt	655	13.4	8- 1-60	N	N	. . .	11	298	Pump tested at 30 gpm on 8-10-60. Electric log in files of U.S. Geol. Survey.
M-240	George White.	. . . . do	D	86.3	6	Ms	620	16.8	6- 9-59	Tj	D	. . .	11	234	Casing: 6-in. to 40 ft. Bailing test drawdown, 9 ft. Driller's log in files of U.S. Geol. Survey.
M-241	H. B. Wells.	. . . . .	D	47.0	6	Ms-Mt	589	6.0	4-19-60	M	D	62	11	278	Casing: 6-in. to 12 ft. Water sulfurous.
M-242	Ruth Duncan.	Crowe Drilling Co.	D	64.5	6	Ms	587	14.3	4-27-60	M	D	62	18	168	Water at 32 ft. Bail test, 0.2 gpm. Water sulfurous. Driller's log in files of U.S. Geol. Survey.
N- 1	Raymond McAbee . .	. . . . do	D	104.5	6	Mg	625	21.8	3- 2-59	Tj	D	. . .	11	138	
N- 2	Rock Spring Church.	. . . . .	D	33.9	6	Mh	625	5.2	. . do . .	M	Pc	57	11	20	
N- 3	Alton Wallace.	Hurst Machine Works.	D	68.8	6	Mg	662	19.0	7-22-58	Tj	D	61	11	136	Bedrock at 6 ft. Sample log in files of U.S. Geol. Survey.
N- 4	Elbert Self.	Crowe Drilling Co.	D	29.6	6	Mh-Mg	615	+ 3	1948	Tj, F	D,S	56	4	144	Casing: 6-in. to 9 ft. Water at 30 ft. Estimated flow, 1/3 gpm on 3-3-59.
N- 5	A. O. McWhorter . .	Hurst Machine Works.	D	54.8	6	Mh	670	11.9	3- 4-59	Tj	D	. . .	11	36	Casing: 6-in. to 14 ft. Water at 36 ft.
N- 6	J. L. Standridge. . .	. . . . do	D	32.5	6	Mh-Mg	610	+ 1	1- 1-59	Ph, F	D	58	11	92	Casing: 6-in. to 13 ft. Flows 1/3 to 1 gpm. Bedrock at 10 ft.
N- 7	M. M. McAbee. . . .	. . . . .	D	69.7	6	Mh-Mg	645	10.5	3- 4-59	M	D	61	25	60	Water at 69 ft.
N- 8	B. S. Stroup	Hurst Machine Works.	D	50.2	6	Mh-Mg	610	10.1	1-19-59	M	D	58	11	160	Observation well.
N- 9	J. W. Lake	. . . . .	D	26	8	Mh-Mg	605	+ 1	. . . . .	M, F	D,S	58	4	156	Estimated flow, 1/3 gpm on 3-6-59.

N-10	.... do	.....	D	42	6	Mh-Mg	605	1.0	3- 6-59	Tj, F	D, P	60	11	74	Flows if not pumped. Supplies 8 families, cafe, and barber shop.
N-11	J. O. Stroup	Frank Howe....	D	64.0	6	Mg (?)	630	18.8	3- 4-59	M	D	63	25	92	Casing: 6-in. to 17 ft. Water sulfurous.
N-12	Ed Ellis	.....	D	28.9	6	Mh	650	8.2	3- 6-59	M	D	58	18	46	Water sulfurous.
N-13	A. H. Poole.....	.....	D	21.6	6	Mb	615	7.2	4-17-59	M	D	60	25	160	
N-14	L. F. Puckett	Hurst Machine Works.	D	111.0	6	Mg	635	33.5	.. do ..	Tj	D, S	62	60	300	
N-15	G. F. Roberts	Crowe Drilling Co.	D	49.2	6	Mb-Mh (?)	610	4.9	.. do ..	Tj	D	62	32	134	
N-16	J. B. Roberts	.... do	D	80.9	6	Mb	608	8.0	5-18-59	Tj	D	62	11	280	Sample log in files of U.S. Geol. Survey.
N-17	Cordie Roberts....	.....	D	77.3	6	Mb	605	4.7	4-17-59	M	D	61	32	186	
N-18	J. T. White.....	Hurst Machine Works.	D	92.0	6	Mh	610	10.3	3- 6-59	Tj	D	62	11	32	
N-19	A. G. Maddox	Monroe Norris..	D	65.9	6	Mb-Mh (?)	595	1.7	4-20-59	Tj	D, S	64	11	90	
N-20	J. W. Rodgers....	.....	D	42.4	6	Mh	585	7.0	.. do ..	M	D, S	60	103	346	Water slightly sulfurous.
N-21	R. W. Orr.....	.....	D	700	18	..	575	....	.....	F	N	62	18	84	Known as Targum well. Estimated flow, 1.5 gpm on 4-20-59. Oil test well. Water slightly sulfurous.
N-22	J. C. Wallace	.....	D	44.0	6	Mh-Mg	622	12.3	4-23-59	M	S	...	238	130	
N-23	Fletcher Crowe ...	.....	D	51.6	6	Mh-Mg	582	23.1	.. do ..	M	D	...	25	132	
N-24	Judson E. James ..	.....	D	79.0	6	Mh-Mg	582	22.7	.. do ..	M	D	62	308	92	
N-25	Clara Battles.....	.....	D	33.1	6	Mh (?)	585	6.0	.. do ..	M	D	...	...	...	
N-26	Phil Orr	.....	D	15.2	7	Qu	582	6.7	.. do ..	M	D	...	53	220	
N-27	R. W. Orr.....	.....	D	....	..	..	575	....	.....	F	N	...	...	...	Known as the "Salt Well." Oil test well.
N-28	J. J. Kell	Crowe Drilling Co.	D	116	6	Mb	601	....	.....	Tj	D	...	14	81	Sample and driller's logs in files of U.S. Geol. Survey.
N-29	Perry Orr.....	.....	D	121.1	6	Mb	601	11.7	4-23-59	Tj	D	...	103	204	
N-30	David Sandlin.....	.....	D	26.7	6	Mb	618	11.8	.. do ..	M	D	...	25	256	
N-31	J. W. Tomlinson ..	.....	D	26.5	6	Mb	618	13.5	.. do ..	N	N	...	...	...	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
N-32	Loyd Asherbranner.	. . . . .	D	40.7	6	Mb	621	3.7	4-23-59	M	D	. . .	46	196	
N-33	Danville School. . . .	Crowe Drilling Co.	D	107	6	Mb	618	10	3-24-58	Pv	D, Ps	64	50	35	Casing: 6-in. to 10.5 ft. Water at 35, 65, and 100 ft. Supplements well N-34 as school supply. Water contains gas, probably CO_2.
N-34	. . . . do	. . . . .	D	44	6	Mb	621	7.1	7-23-58	Pv	D, Ps	. . .	18	200	Observation well. Water at 30 ft. Supplies 425 students.
N-35	Ethel Teague	. . . . .	D	16.1	6	Qu	590	.5	. . do . .	M	D	. . .	39	48	
N-36	C. W. Crees	. . . . .	D	28.3	6	Mb	590	7.9	. . do . .	M	N	. . .	25	156	
N-37	Alec Crees	. . . . .	D	51.9	6	Mb	585	11.2	. . do . .	M	D	63	60	158	
N-38	B. R. Stephenson . .	. . . . .	D	25.6	6	Mb	581	6.3	. . do . .	M	D	. . .	74	194	
N-39	Phil Orr	. . . . .	D	15.3	6	Qu	586	4.9	. . do . .	N	N	. . .	. . .	. . .	
N-40	Cordie Smith	. . . . .	D	86.2	6	Mb	581	8.8	4-22-59	M	D	62	542	22	
N-41	G. G. Isley	. . . . .	D	22.4	6	Mb	588	4.4	. . do . .	M	D	. . .	39	242	
N-42	Cordie Smith	. . . . .	D	22.3	6	Mb	579	5.6	. . do . .	Tj	D	. . .	25	130	
N-43	R. L. Robinson . . .	. . . . .	D	16.4	6	Mb	581	3.4	. . do . .	N	N	. . .	. . .	. . .	
N-44	Lottie Hardwick . . .	. . . . .	D	35.0	6	Mb	585	20.7	. . do . .	Tj	D	. . .	11	212	
N-45	R. B. Orr.	. . . . .	D	25.1	6	Mb	579	5.2	. . do . .	M	D	. . .	39	214	
N-46	Hopewell Church. . .	. . . . .	D	32.8	6	Mb	590	7.8	. . do . .	N	Pc	. . .	. . .	. . .	
N-47	M. H. Warren	. . . . .	D	30.3	6	Mb	590	3.2	. . do . .	M	D	. . .	143	368	
N-48	R. T. Lee.	. . . . .	D	25.3	6	Mb	598	9.0	. . do . .	M	D	. . .	39	180	
N-49	Bennett Livingston .	. . . . .	D	22.5	6	Mb	595	11.1	. . do . .	Tj	D	. . .	32	216	
N-50	Dollie McCord	. . . . .	D	19.0	6	Mb	595	7.9	. . do . .	M	D	. . .	39	154	
N-51	Burl Hardwick. . . .	. . . . .	D	29.2	6	Mb	601	9.7	. . do . .	M	D	. . .	110	266	
N-52	Phil Orr	Crowe Drilling Co.	D	14.2	6	Mb	610	6.8	4-20-59	M	D	. . .	46	104	
N-53	Lovelady Estate . . .	. . . . .	D	28.6	6	Mb	630	8.5	. . do . .	N	N	. . .	. . .	. . .	

N-54	Phil Orr	. . . . .	D	30.0	6	Mb	615	1.5	. . do . .	M	D	. . .	131	306	
N-55	Hugh Fitzgerald . . .	. . . . .	D	50	6	Mb	601	. . . .	. . . . .	Tj	D	. . .	11	188	
N-56	T. A. Tanner.	. . . . .	D	60.6	6	Mb	605	9.1	4-20-59	M	D	62	18	164	
N-57	J. O. Sharpley. . . .	. . . . .	D	24.5	6	Mb	600	6.1	. . do . .	M	D	. . .	18	134	
N-58	Phil Orr	. . . . .	D	29.2	6	Qu	601	15.7	. . do . .	M	N	. . .	60	108	
N-59	M. C. Nichols	. . . . .	D	35.0	6	Mb	585	4.5	. . do . .	M	D	. . .	167	86	
N-60	James W. Cooper. .	. . . . .	D	38.9	6	Mb	602	12.1	. . do . .	Tj	D	. . .	32	194	
N-61	Claudie Morris. . . .	. . . . .	D	29.8	6	Mb	599	13.4	. . do . .	M	D	. . .	25	134	
N-62	Raymond Larimore.	. . . . .	D	65.9	6	Mb	602	20.4	. . do . .	Tj	D	. . .	11	142	Water at 52 ft.
N-63	W. E. Callahan . . .	Charles Miller. .	D	69.0	6	Mh	600	33.0	5-11-60	Tj	D	62	32	16	
N-64	Dave Summerford. .	Crowe Drilling Co.	D	88.0	6	Mh-Mg	650	41.6	10-23-59	M	D	. . .	7	24	Water at 74 ft. Bail test, 1 gpm. Driller's log in files of U.S. Geol. Survey.
N-65	Neel Elementary School.	. . . . do	D	150	6	Mg	615	11.9	9- 2-59	Ts	Ps	. . .	11	154	Bail test, 7 gpm.
N-66	E. H. Maddox	. . . . do	D	101.3	6	Mh	615	20.9	7-21-59	Tj	D	. . .	11	10	Water at 84 ft. Driller's log in files of U.S. Geol. Survey.
N-67	Mr. Leadlow	A. G. Hare	D	54.1	6	Mh	585	20.8	. . do . .	M	D	62	18	90	Water at 54 ft. Sample log in files of U.S. Geol. Survey.
N-68	B. E. Wallace	Crowe Drilling Co.	D	113	6	Mb	608	10	. . . . .	Tj	D	. . .	46	260	Casing: 6-in. to 10 ft. Water at 13 ft. Bail test, 4 gpm. Driller's log in files of U.S. Geol. Survey.
O- 1	L. B. Wright.	. . . . .	D	80.3	6	Mh	725	5.4	2- 5-59	M	N	. . .	39	68	
O- 2	J. L. Wright	. . . . .	D	40.1	6	Mh	715	2.4	. . do . .	M	D	. . .	32	62	
O- 3	Buna Drinkard	. . . . .	Du	35.8	36	Qu	630	16.7	. . do . .	M	D	. . .	18	70	
O- 4	Foster Sanders. . . .	. . . . .	D	46.5	6	Mh	722	13.2	. . do . .	M	S	. . .	25	60	
O- 5	Edsel Warne	. . . . .	D	43.1	6	Mh	745	.6	. . do . .	M	N	. . .	18	136	
O- 6	T. M. Guyton.	Crowe Drilling Co.	D	218	6	Mh-Mg	730	17.0	4-17-58	N	N	. . .	. . .	. . .	Water at 55 ft. Sample and driller's logs in files of U.S. Geol. Survey. Well covered.
O- 7	Robert Morgan. . . .	. . . . .	D	43.0	6	Mh	685	27.7	2- 5-59	M	D	. . .	18	48	
O- 8	Louis Nebrig	. . . . .	S	. . . .	. .	Mg	655	. . . .	. . . . .	. .	N	56	11	60	Known as Moss Spring. Estimated flow, 150 gpm on 2-5-59.
O- 9	Coy Sparkman	Lonzo Summerford.	D	35.3	6	Mh	715	13.0	2- 5-59	M	D	. . .	18	46	Casing: 6-in. to 20 ft.
O-10	Lois Holladay.	. . . . .	D	75.5	6	Mh	735	18.7	. . do . .	M	N	. . .	25	44	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
O-11	Bud Weaver.....	.....	D	49.0	6	Mh	610	38.8	2- 5-59	M	D	60	25	58	
O-12	Van Glasscock....	.....	D	29.7	6	Mh	598	7.4	..do..	M	D	...	18	22	
O-13	A. L. Hanes	.....	D	23.7	6	Mh	635	4.6	2- 6-59	M	D	...	25	82	
O-14	Fred Morris	.....	D	83.2	6	Mh-Mg	615	46.1	..do..	M	D	62	11	62	
O-15	James Glasgow....	Crowe Drilling Co.	D	45.5	6	Mh-Mg	598	13.5	12-22-58	Tj	D	...	18	118	Bedrock at 6 ft. Water at 24 ft. Sample and driller's logs in files of U.S. Geol. Survey.
O-16	H. L. Jones.....	....do.....	D	68.6	6	Mh-Mg	610	25.1	..do..	Tj	D	...	14	118	Bedrock at 8 ft. Water at 48 ft. Bail test, 30 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
O-17	Tennessee Valley Authority.	.....	S	....	..	Mg	565	....	.....	..	N	60	11	140	Unnamed spring. Estimated flow, 10 gpm on 2-6-59.
O-18	J. O. Barr	.....	D	53.3	6	Mh	660	37.2	2- 6-59	M	D	62	39	84	
O-19	Daisey Turney....	.....	D	53.5	6	Mh-Mg	622	11.4	..do..	M	D	...	25	114	
O-20	J. A. Morgan.....	.....	D	43.1	6	Mh	685	30.6	..do..	M	D	62	18	54	
O-21	G. B. White.....	.....	S	....	..	Mg	620	....	.....	..	N	50	25	78	Known as Snow Spring. Estimated flow, 200 gpm on 2-6-59.
O-22	J. B. Smith.....	.....	D	50.5	6	Mg	665	24.9	2- 6-59	M	D	...	11	182	
O-23	Charlie Shellock...	.....	D	34.0	6	Mg	702	13.3	..do..	M	D	...	39	254	
O-24	Hugh F. Penn.....	J. H. Allan....	D	60	6	Mh	680	....	.....	Pv	N	...	...	...	Bedrock at 12 ft. Water at 48 ft.
O-25	City of Hartselle...	.....	D	660	8-6	Mg	680	31.2	2- 3-59	N	N	...	...	...	Observation well. No. 37, Spec. Rept. 16.
O-26	E. W. Elliott.....	Crowe Drilling Co.	D	55.5	6	Mh	682	6.7	5-18-59	N	N	...	...	...	Casing: 6-in. to 19 ft. Bedrock at 12 ft. Bail test, 2 gpm.
O-27	Emmett Roan.....	.....	D	39.8	6	Mh-Mg	682	13.8	2- 6-59	M	D	...	18	116	
O-28	Herman Snyder....	.....	D	35.3	6	Mh	692	2.7	..do..	M	N	...	11	96	
O-29	J. R. Kimbell	.....	D	49.3	6	Mh	701	7.1	..do..	M	D	...	46	62	

O-30	J. E. Brown	Crowe Drilling Co.	D	180.9	8-6	Mh-Mg	680	42.7	2- 5-59	Tj	D	. . .	11	120	Water slightly sulfurous. Sample log in files of U.S. Geol. Survey.
O-31	Wade Hall	. . . . .	D	37.5	6	Mh	680	2.4	2- 9-59	M	D	. . .	53	86	
O-32	Herman McKee. . . .	. . . . .	D	101.4	6	Mh (?)	636	22.5	. . do . .	Tj	D	. . .	216	20	
O-33	Boyd Bentley	. . . . .	D	67.8	6	Mg	675	46.8	. . do . .	M	N	62	18	194	
O-34	Larcie Ryan.	. . . . .	D	35.1	6	Mh	655	3.7	. . do . .	M	D	. . .	39	76	
O-35	W. D. Lindsay. . . .	. . . . .	D	26.4	6	Mh	698	1.4	. . do . .	N	N	. . .	. . .	. . .	
O-36	O. S. Moore	J. P. Moore . . .	D	55.7	6	Mh	665	.8	. . do . .	M	D	. . .	53	74	
O-37	Charlie Stewart . . .	. . . . .	D	71.5	6	Mg	685	25.5	2-10-59	M	D	. . .	11	118	
O-38	J. C. Sharpley. . . .	. . . . .	D	24.2	6	Mh	661	6.9	. . do . .	M	D	. . .	25	66	
O-39	E. A. Hill.	. . . . .	D	45.2	6	Mg	595	1.0	. . do . .	M	D	. . .	18	122	
O-40	Merrell Frazier. . .	Crowe Drilling Co.	D	100	6	Mh	600	28.1	7-23-58	Tj	D	. . .	11	74	Casing: 6-in. to 18 ft. Water at 40 ft. Bail test, 5 gph. Sample and driller's logs in files of U.S. Geol. Survey.
O-41	Thurman Sharp. . . .	. . . . .	D	32.6	6	Mh	585	5.7	2-10-59	M	D	. . .	25	56	
O-42	Arthur Penn.	. . . . .	D	33.7	6	Mh	620	20.0	2-11-59	M	D	. . .	18	38	
O-43	-- Boatwright.	. . . . .	S	. . . .	. .	Mb (?)	575	. . . .	. . . . .	. .	D	60	11	94	Unnamed spring. Estimated flow, 20 gpm on 2-11-59.
O-44	Charlie Eyster	. . . . .	D	29.3	6	Mb (?)	588	16.8	2-11-59	M	D	. . .	32	216	
O-45	. . . . do	. . . . .	D	27.0	6	Mb (?)	580	15.3	. . do . .	N	N	. . .	. . .	. . .	
O-46	Andrew Sheppard . .	. . . . .	D	51.8	6	Mh (?)	598	25.8	. . do . .	N	N	. . .	. . .	. . .	
O-47	Artemus Cramer . .	. . . . .	D	97.1	6	Mg	635	54.8	. . do . .	M	D	. . .	11	194	
O-48	Fanny Blackwood . .	. . . . .	D	33.4	6	Mh	652	1.6	. . do . .	M	D	. . .	67	54	
O-49	E. D. Ray.	Leon Miller. . . .	D	55.3	6	Mh	635	19.3	7-18-58	M	S	64	18	28	Sample log in files of U.S. Geol. Survey.
O-50	Salem Methodist Church.	. . . . .	D	162,2	6	Mg (?)	611	3.8	2-17-59	. .	Pc	. . .	35	132	Formerly Collins School that had 45 students in 1958. Water reported to be slightly sulfurous.
O-51	John Griffin.	Crowe Drilling Co.	D	101.1	6	Mh	655	13.2	12-22-58	M	D	60	11	44	Casing: 6-in. to 15 ft. Water at 84 ft. Bail test, 17 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
O-52	J. M. Brown	. . . . .	D	30.4	6	Mh	635	15.7	2-11-59	M	D	. . .	25	30	
O-53	Frank Williams . . .	. . . . .	D	71.0	6	Mg	646	25.8	. . do . .	Tj	D	. . .	11	126	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
O-54	W. M. Poole	. . . . .	D	43.2	6	Mh	622	18.7	2-11-59	Tj	D	. . .	32	86	
O-55	G. H. McKee.	. . . . .	D	50.1	6	Mh	652	14.7	. . do . .	M	D	. . .	11	68	
O-56	W. L. Murphy	Leon Miller. . . .	D	108.7	6	Mh-Mg	625	23.9	7-18-59	Tj	D	. . .	39	80	Sample log in files of U.S. Geol. Survey. Well contained asphalt.
O-57	Bill Wiley	Apel Machine Co.	D	43.1	6	Mb-Mh	608	9.0	2-18-59	Ph	D	. . .	25	322	Casing: 6-in. to 16 ft. Bedrock at 15 ft.
O-58	J. W. Dunkin.	. . . . do	D	68	6	Mb-Mh	603	6	12-18-58	Tj	D,S	. . .	25	194	
O-59	Alabama Flour Mills.	Hurst Machine Works.	D	192.1	8-6	Mg (?)	612	39.0	11-14-58	Tj	S	. . .	11	36	Wells O-59 and O-60 are 75 ft. apart and are connected to same tank. Gross interference while pumping. The wells supply 25,000 laying hens. Water slightly sulfurous.
O-60	. . . . do	. . . . do	D	193.2	8-6	Mg (?)	612	39.0	. . do . .	Tj	S	. . .			
O-61	J. W. Dunkin.	. . . . .	D	427.4	6	Mt (?)	632	22.3	2-18-59	N	N	. . .	. . .	. . .	Water reported to taste salty. Electric log in files of U.S. Geol. Survey. Water slightly sulfurous.
O-62	J. R. Holmes.	. . . . .	D	29.4	6	Qu (?)	628	1.5	2-12-59	M	D	. . .	145	320	
O-63	F. E. White.	. . . . .	D	26.3	6	Qu	615	3.8	. . do . .	M	D	. . .	535	838	
O-64	A. J. Garnett.	Hurst Machine Works.	D	64.7	6	Qu	612	12.5	. . do . .	Tj	D	. . .	25	266	
O-65	E. H. Wunder	. . . . .	D	61.4	6	Mh-Mg	595	17.6	. . do . .	M	D	. . .	11	154	
O-66	H. H. Anders.	. . . . .	D	68.9	6	Mh-Mg	630	14.6	2-17-59	M	D	62	18	260	Bedrock at 20 ft.
O-67	Price Robin.	Leon Miller. . . .	D	43.0	6	Qu	623	1.7	. . do . .	M	D	. . .	117	540	Bedrock at 7 ft.
O-68	W. E. Wallace. . . .	. . . . .	D	27.5	6	Mh	605	3.9	2-12-59	Tj	D	. . .	18	42	
O-69	Rufus Boatner	. . . . .	D	46.9	6	Mh	603	10.5	2-17-59	M	D	. . .	46	40	
O-70	Guy Roberts.	J. P. Moore . . .	D	101	6	Mh-Mg	625	47.0	. . do . .	Tj	D	. . .	11	102	Casing: 6-in. to 40 ft. Water at 60 ft.

O-71	J. T. Aycock.....	.....	D	42.0	6	Mh-Mg (?)	580	24.6	. . do . .	Tj	D,S	. . .	25	110	
O-72	Franklin Stewart. . .	.....	D	57.4	6	Mh	622	35.8	. . do . .	M	D	. . .	18	40	
O-73	R. A. Payne	.....	D	28.1	6	Mb	585	12.4	. . do . .	M	D	. . .	67	248	
O-74	Clyde Maples.....	.....	D	38	6	Mb	585	10	.....	Tj	D	. . .	32	202	Reported to pump 10 gpm.
O-75	D. T. Rice	.....	D	37.9	6	Mb	592	14.1	2-17-59	Tj	D	. . .	18	164	
O-76	J. J. Lee	.....	D	17.8	6	Mb	585	2.5	. . do . .	Tj	D	. . .	18	128	
O-77	J. B. Shaneyfelt. . .	Crowe Drilling Co.	D	81.2	6	Mh	578	10.8	8-28-58	Tj	D	. . .	11	30	Sample log in files of U.S. Geol. Survey.
O-78	H. H. Anders.....	.....	D	64.3	6	Mb	588	8.3	2-17-59	M	D	. . .	74	290	
O-79	Newell Walker	Crowe Drilling Co.	D	100	6	Mh	595	10	.....	Tj	D,S	. . .	11	58	Casing: 6-in. to 23 ft. Water at 40 ft.
O-80	.... do	.... do	D	82.6	6	Mh	593	14.1	9-15-58	Tj	S	. . .	4	50	Water at 25 ft. Sample and driller's logs in files of U.S. Geol. Survey.
O-81	.... do	.....	Du	19.2	80	Mh	594	11.6	. . do . .	N	N	. . .	124	126	
O-82	Woodrow Anders. . .	.....	D	80	6	Mh-Mg (?)	605	30	.....	Tj	D	. . .	11	170	
O-83	Mary Allison	.....	D	81.3	6	Mb-Mh (?)	622	15.4	2-18-59	M	D	. . .	82	234	
O-84	E. Z. Weaver	.....	Du	16.6	36	Qu	615	5.6	. . do . .	M	D	. . .	32	210	
O-85	E. W. Perry	.....	D	67.2	6	Mh	595	25.5	. . do . .	M	D	. . .	18	40	
O-86	J. H. Reynolds....	.....	D	28.5	6	Mb (?)	602	10.2	. . do . .	Pp	D	. . .	18	306	
O-87	Clarence Lee.....	.....	D	80.3	6	Mb (?)	600	14.4	. . do . .	M	D	. . .	53	344	
O-88	D. M. Townsend. . .	.....	D	44.5	6	Mb-Mh (?)	612	8.9	. . do . .	Tj	D	. . .	18	164	
O-89	P. M. Jones	Crowe Drilling Co.	D	160.6	6	Mh-Mg	601	10.2	1-12-59	Pp	D	. . .	25	80	Water at 147 ft. Sample and driller's logs in files of U.S. Geol. Survey.
O-90	Iris Kyle.....	.... do	D	55.7	6	Mh-Mg	646	6.8	10-23-59	Tj	D	. . .	11	122	Bailed 20 gpm, drawdown 12 ft. Driller's log in files of U.S. Geol. Survey.
O-91	Alville Heaps	.... do	D	41.4	6	Mg	638	6.1	9- 3-59	Tj	D	. . .	14	258	Water from 10 to 13 ft. Bail test, 7 gpm. Sample and driller's logs in files of U.S. Geol. Survey.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
O-92	Herschel Harris . . .	C. H. Elliott . . .	D	67.8	6	Mb-Mh	620	7.1	6- 3-60	Tj	D	. . .	11	96	Water at 27 ft. Bail test, 3 gpm. Driller's log in files of U.S. Geol. Survey.
O-93	Cedar Creek Church	Apel Machine Co.	D	160.7	6	Mg	612	16.0	12- 8-59	N	Pc	. . .	11	148	
O-94	Guy D. Roberts . . .	Charles Miller . .	D	63	6	Mh-Mg	605	25	1-10-61	Tj	D,S	62	. . .	. . .	
P- 1	Vestal Black	. . . . .	D	48.5	6	Mh	662	25.4	2-24-59	Tj	D	. . .	18	60	
P- 2	Leander Cowley . . .	Crowe Drilling Co.	D	70.6	6	Mg	610	19.6	9-10-58	M	D	62	11	220	Observation well. Casing: 6-in. to 40 ft. Cavity from 55 to 58 ft. Bailing test drawdown, 4 ft. Sample and driller's logs in files of U.S. Geol. Survey.
P- 3	Barnett's Chapel. . .	Leon Miller	D	41.0	6	Mh	660	11.9	2-24-59	M	D, Pc	. . .	11	24	
P- 4	Dewey Hendrix	. . . . .	D	40.6	6	Mh-Mg (?)	642	28.1	. . do . .	M	D	. . .	32	190	
P- 5	C. D. Holloway . . .	. . . . .	D	30.7	6	Mh	678	14.4	. . do . .	Tj	D	. . .	11	62	
P- 6	Loyd Hays	. . . . .	D	42	6	Mh	685	30	. . . . .	Tj	D	. . .	. . .	. . .	
P- 7	A. F. Hanners	. . . . .	D	45.8	6	Mh (?)	680	17.4	2-24-59	M	D	. . .	32	100	
P- 8	Walter Taylor	. . . . .	D	30	6	Mh (?)	755	9.2	. . do . .	Tj	D	. . .	11	200	Supplies 3 houses.
P- 9	A. H. Yeager.	Leon Miller	D	83.0	6	Mh	690	16.0	6-11-58	Tj	D	. . .	11	64	Casing: 6-in. to 35 ft.
P-10	C. C. Buckalew . . .	. . . . .	S	. . . .	. .	Qu	685	. . . .	. . . . .	. .	D	56	11	80	Known as Outlaw Spring. Estimated flow, 20 gpm on 2-24-59.
P-11	G. L. Lawrence . . .	. . . . .	D	34.9	6	Mh (?)	722	4.1	2-24-59	M	D	. . .	18	150	
P-12	Jack Crittenden . . .	. . . . .	D	28.4	6	Mh (?)	722	8.5	. . do . .	M	D	. . .	32	172	
P-13	Bobby Covey	Leon Miller	D	101.4	6	Mh-Mg	728	24.3	10-23-58	M	D	. . .	18	108	
P-14	H. H. Hopper.	Crowe Drilling Co.	D	102	6	Mh-Mg	685	9.5	2-24-59	Tj	D,S	. . .	11	236	Sample and driller's logs in files of U.S. Geol. Survey.
P-15	H. L. Jones.	. . . . .	D	28.1	6	Mh (?)	738	12.8	. . do . .	M	D	. . .	18	228	

P-16	J. F. Moates	. . . . .	D	28.4	6	Mh	708	10.8	. . do . .	M	D	. . .	11	48	
P-17	Bertie Blevins	. . . . .	D	118.7	6	Mg	668	39.9	. . do . .	M	D	. . .	103	132	Water sulfurous.
P-18	L. Smallwood.	. . . . .	D	24.0	6	Mh-Mg	650	2.5	2-25-59	M	D	. . .	11	140	
P-19	G. L. Colbert	. . . . .	D	28	6	Mh	675	5	. . . . .	Tj	D	. . .	11	180	Water conditioner in system.
P-20	. . . . .	. . . . .	D	49.3	6	Mh	682	13.8	2-25-59	M	D	. . .	32	82	
P-21	J. A. Dodson.	. . . . .	D	19.2	6	Mh (?)	705	4.4	. . do . .	M	D	. . .	89	148	Dry at times.
P-22	Ernest Smale.	Crowe Drilling Co.	D	135.8	6	Mh-Mg	702	46.6	9-15-58	Tj	D,S	. . .	18	96	Observation well. Water at 66 ft. Sample and driller's logs in files of U.S. Geol. Survey.
P-23	. . . . do	. . . . do	D	99.9	6	Mh-Mg	682	19.6	. . do . .	. .	. .	. . .	11	80	Water at 45 ft. Sample and driller's logs in files of U.S. Geol. Survey.
P-24	H. L. House	. . . . do	D	108	6	Mh-Mg	719	20	. . . . .	Tj	D	. . .	11	92	Water at 55 ft. Bail test, 8 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
P-25	D. J. Turney.	. . . . .	S	. . . .	. .	Qu (?)	680	. . . .	. . . . .	. .	D	59	18	190	Known as Turney Spring. Estimated flow, 10 gpm on 2-25-59.
P-26	Hershell Dunn	. . . . .	D	117.9	6	Mh	695	35.9	2-25-59	M	D	62	11	66	
P-27	Sidney Turner	. . . . .	S	. . . .	. .	Qu	658	. . . .	. . . . .	Tj	D	59	11	72	Known as Whitten Spring. Estimated flow, 40 gpm on 2-25-59.
P-28	J. P. Moore	J. P. Moore . . .	D	47.3	6	Mg	685	23.0	2-25-59	M	D	. . .	53	176	
P-29	W. M. Sivley.	Crowe Drilling Co.	D	248	6	Mg-Ms (?)	692	52	. . . . .	Tj	D	. . .	160	32	Bedrock at 15 ft. Water at 71, 87, and 209 ft. Bail test, 7 gpm. Water sulfurous. Sample and driller's logs in files of U.S. Geol. Survey.
P-30	. . . . do	. . . . .	D	115.2	6	Mh	693	28.7	2-24-59	N	N	. . .	. . .	. . .	
P-31	. . . . do	. . . . .	D	35.0	6	Mh	689	3.6	. . do . .	M	D	. . .	32	90	
P-32	Plainview School. . .	Roy Bowling. . . .	D	113.3	6	Mh	705	66.6	11-13-57	Pv	Ps	. . .	18	12	Casing: 6-in. to 50 ft. Water at 80 ft. Bail test, 7 gpm. Water sulfurous. Supplies 150 students. Sample log in files of U.S. Geol. Survey.
P-33	R. A. Driver.	Crowe Drilling Co.	D	95	6	Mh	655	7.3	2-25-59	Tj	D	. . .	18	98	Casing: 6-in. to 5 ft. Water at 70 ft. Bedrock at 7 ft.
P-34	L. C. Guyse	Roy Bowling. . . .	D	79.4	6	Mh	652	14.4	10-29-58	Tj	D	64	11	140	Water sulfurous and contains iron.
P-35	. . . . do	Crowe Drilling Co.	D	69.9	6	Mh	645	7.4	. . do . .	Tj	D	. . .	11	316	Casing: 6-in. to 18 ft. Water at 25 ft. Bail test, no drawdown. Sample and driller's logs in files of U.S. Geol. Survey.
P-36	. . . . do	. . . . do	D	86.8	6	Mh	642	3.9	11-25-58	. .	. .	. . .	. . .	. . .	Water at 72 ft. Sample and driller's logs in files of U.S. Geol. Survey.
P-37	R. H. Fuller	. . . . .	D	85.0	6	Mg	635	28.4	2-25-59	Tj	D	. . .	18	168	Water at 60 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
P-38	C. C. Mitchell....	.....	D	44.4	6	Mb-Mh	638	25.4	2-25-59	M	D	...	74	672	
P-39	C. R. Day.....	.....	D	119.9	6	Mb-Mh (?)	610	7.4	..do..	M	N	...	53	224	
P-40	E. O. Moon.....	.....	D	64.7	6	Mh	665	23.8	..do..	M	D	...	25	62	
P-41	H. D. Humphrey...	.....	Du	48	36	Mh (?)	635	20	.....	N	D	...	...	...	Insufficient for domestic supply.
P-42	H. H. Thrasher...	.....	D	54.9	6	Mh (?)	652	10.4	2-26-59	M	D,S	...	11	128	
P-43	A. D. Samples....	.....	D	26.0	6	Mb	635	8.7	..do..	Pp	D	...	25	216	
P-44	Sam Wheat.....	.....	D	67.3	6	Mb	645	16.4	..do..	M	D	...	67	238	
P-45	A. D. Samples....	.....	D	41.1	6	Mb	682	36.8	..do..	M	D	...	11	216	
P-46	Cecil Ward	.....	D	32.8	6	Mb (?)	652	15.4	..do..	Tj	D	...	32	56	
P-47	Vernerd Ward	.....	D	27.2	6	Mb	652	7.6	..do..	M	D	...	46	240	
P-48	B. K. Thompson...	.....	D	60.1	6	Mb	685	19.6	..do..	M	D	...	53	206	
P-49	Bedford Cook.....	.....	D	40.1	6	Mg	642	10.4	..do..	M	D	...	160	534	
P-50	Virgil Vest	.....	D	22.4	6	Mg	650	8.2	..do..	M	D	...	25	134	
P-51	Rube Draper	.....	D	53.7	6	Mg	642	25.8	..do..	M	D	...	145	628	
P-52	J. E. McCutcheon..	.....	D	58.8	6	Mg	675	23.3	..do..	M	N	...	25	182	
P-53	W. R. Wright.....	.....	D	35.4	6	Mg	665	13.9	..do..	Pp	D	...	18	196	
P-54	H. L. Monk.....	.....	D	43.8	6	Mg	662	28.9	2-27-59	M	D	...	11	220	
P-55	Bill Ryan.....	.....	D	45.0	6	Mg	612	11.2	..do..	M	D	...	53	160	
P-56	R. W. Hicks	Leon Miller....	D	141.4	6	Mg (?)	623	14.6	8- 8-58	M	D	63	39	62	Water sulfurous. Driller's log in files of U.S. Geol. Survey.
P-57	....do.....	.....	Du	33.7	30	Qu (?)	622	5.3	..do..	Tj	D	64	167	112	

P-58	Robert Burleson . . .	Crowe Drilling Co.	D	46.9	6	Mg	631	8.8	2-27-59	N	N	. . .	. . .	. . .	
P-59	J. Y. Puckett	. . . . do	D	100.0	6	Mg	622	69.2	3- 3-59	M	D	63	15	7	Water sulfurous. Inadequate for domestic supply. Sample log in files of U.S. Geol. Survey.
P-60	A. C. Burleson . . .	. . . . .	D	112.0	6	Mb	662	16.4	2-27-59	M	D	. . .	25	228	
P-61	J. C. Royer.	. . . . .	D	33.3	6	Mb	630	8.3	. . do . .	M	D	. . .	67	366	
P-62	W. B. Eason	. . . . .	D	20.2	6	Mb	662	7.1	. . do . .	M	D	. . .	25	196	
P-63	Robert Ward	. . . . .	D	32.2	6	Mb	662	20.7	. . do . .	M	D	. . .	67	248	
P-64	W. B. Eason	. . . . .	S	. . . .	. .	IPpv	1,040	. . . .	. . . . .	. .	N	57	4	34	Known as Wilson Spring. Estimated flow, 20 gpm on 2-26-59.
P-65	Maggie Harris	. . . . .	D	37.8	6	Mb	655	14.7	2-27-59	M	D	. . .	25	194	
P-66	Luther Blevins	. . . . .	D	99.7	6	IPpv-Mp	1,162	64.5	3- 3-59	M	D	. . .	18	152	
P-67	Silas Jones	. . . . .	D	71.0	6	IPpv	1,085	49.8	. . do . .	M	D	. . .	18	96	
P-68	W. O. Clark	. . . . .	D	54.2	6	IPpv	1,182	18.1	. . do . .	M	S	. . .	53	52	Insufficient for stock supply at times.
P-69	Albert Thompson . .	. . . . .	D	127	6	IPpv-Mp	1,130	48	. . . . .	Tj	D	. . .	18	124	
P-70	Ethel Dotson	. . . . .	D	43.1	6	IPpv	1,142	11.8	3- 3-59	M	D	. . .	152	32	
P-71	Bob Warren.	. . . . .	D	27.1	6	Mb	662	12.5	. . do . .	M	D	. . .	89	358	
P-72	W. W. Thompson . .	. . . . .	D	86.3	6	Mb	633	7.2	. . do . .	M	S	. . .	124	564	
P-73	M. B. Robinson . . .	. . . . .	D	28.0	6	Qu	643	8.1	. . do . .	Pp	D	. . .	18	62	
P-74	Edward Thompson. .	. . . . .	D	35.0	6	Mb (?)	623	12.1	. . do . .	M	D	. . .	110	196	
P-75	Eula Dunlap.	. . . . .	D	41.7	6	Mb	636	11.2	. . do . .	M	D	. . .	67	178	
P-76	T. J. Thompson. . .	Lonzo Summerford.	D	28.0	6	Qu (?)	611	3.5	3-28-58	Tj	D	. . .	18	220	Casing: 6-in. to 12 ft.
P-77	. . . . do	. . . . .	D	. . . .	6	Mh (?)	621	8.5	. . do . .	N	N	. . .	. . .	. . .	
P-78	. . . . do	Lonzo Summerford.	D	100.0	6	Mh-Mg	620	9.6	. . do . .	Tj	D,S	. . .	89	640	Casing: 6-in. to 20 ft. Insufficient for domestic and stock supply.
P-79	T. A. Culver.	. . . . .	Du	21.9	36	Qu (?)	635	11.9	3- 4-59	Tj	D	. . .	18	230	
P-80	Emmett Vinson. . . .	. . . . .	D	84.8	6	Mb	670	34.9	. . do . .	Tj	D	. . .	25	252	
P-81	Howard Thompson. .	. . . . .	D	17.8	6	Qu	635	5.1	. . do . .	M	D	. . .	32	154	
P-82	J. D. Robinson. . . .	. . . . .	Du	15.0	66	Qu	675	5.4	. . do . .	M	D	. . .	11	220	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
P-83	Arthur Key	. . . . .	S	. . . .	. .	Mb	680	. . . .	. . . . .	. .	D	57	11	96	Known as Key Spring. Estimated flow, 50 gpm on 3-4-59.
P-84	Geneva Key	Leon Miller	D	30.8	6	Mb	670	13.6	3- 4-59	M	D	. . .	60	266	
P-85	A. P. Postell.	. . . . .	D	35	6	Mb	662	7.3	. . do . .	Pp	D	. . .	74	212	
P-86	Robert Hanna	. . . . .	Du	29.6	36	IPpv	1,110	26.7	. . do . .	N	N	. . .	. . .	. . .	
P-87	V. G. Harris	. . . . .	D	43.6	6	IPpv	1,130	21.0	. . do . .	M	N	. . .	89	44	
P-88	Hoyt Cloer.	. . . . .	Du	28.0	36	IPpv	1,142	21.9	. . do . .	M	D	. . .	11	32	
P-89	G. W. Turney	. . . . .	D	61.6	6	IPpv	1,070	37.9	. . do . .	M	D	. . .	60	60	
P-90	W. W. Childers . . .	. . . . .	D	100.8	6	Mp-Mb (?)	950	96.3	3-24-59	M	D	. . .	82	290	
P-91	Virgil Vest	Crowe Drilling Co.	D	85	6	Mh	650	15	. . . . .	Tj	D	. . .	18	98	Bedrock at 13 ft. Water at 40 ft. Bail test, 3 gpm. Driller's log in files of U.S. Geol. Survey.
P-92	Paul Byrd	C. H. Elliott . . .	D	68.1	6	Mh	642	12.1	6- 3-60	M	D	. . .	. . .	. . .	Water at 44 ft.
Q- 1	J. P. West	. . . . .	D	16.5	6	Mh	582	5.1	3- 6-59	M	D	. . .	11	44	
Q- 2	Alice Summerford .	. . . . .	D	51.1	6	Mg	595	15.4	. . do . .	M	D	. . .	25	312	
Q- 3	Howard Thomas . . .	Curry Bros	D	80.7	6	Mg-Ms	574	20.3	8- 7-58	N	N	. . .	. . .	. . .	Casing: 6-in. to 15 ft. Cavity from 77 to 80 ft. Bail test, 20 gpm, no drawdown.
Q- 4	J. J. Gibbs	. . . . .	D	42.0	6	Mg	593	12.4	3- 6-59	Tj	D	. . .	25	156	Bedrock at 19 ft.
Q- 5	J. O. Garner.	. . . . .	D	64.0	6	Mh-Mg	619	22.7	. . do . .	Tj	D	. . .	18	140	Water at 50 ft.
Q- 6	Mack Brown.	Roy Bowling. . . .	D	114.7	6	Mh (?)	578	10.8	. . do . .	Tj	D	. . .	25	52	Water sulfurous. Sample log in files of U.S. Geol. Survey.
Q- 7	C. C. Walker.	Curry Bros	D	250	8-6	Mt (?)	595	. . . .	. . . . .	Ts	D,S	. . .	351	76	Water contains gas, probably CO_2, and is sulfurous.
Q- 8	A. D. Flack.	. . . . .	D	30.9	6	Mh	582	9.3	3- 6-59	M	D	. . .	11	74	
Q- 9	Humphrey Breeding.	. . . . .	D	33.1	6	Mh	625	8.9	. . do . .	N	N	. . .	. . .	. . .	
Q-10	Hal Jenkins	. . . . .	D	39.6	6	Mh-Mg	615	4.2	. . do . .	M	D	. . .	32	134	

Q-11	Lloyd Kyle.	. . . . .	D	24.2	6	Mh	625	4.8	3- 9-59	Tj	D	. . .	18	132	
Q-12	H. F. Mitchell. . . .	. . . . .	D	26.0	5	Mh	622	6.2	. . do . .	M	D	. . .	25	86	
Q-13	Fred McMinemon . .	. . . . .	Du	23.7	36	Mh	645	18.6	3- 6-59	Tj	D	. . .	11	60	
Q-14	C. L. Jackson	. . . . .	D	30.8	6	Mh	662	16.9	3- 9-59	M	N	. . .	32	204	
Q-15	R. C. Miller	. . . . .	D	92.6	8	Mg	610	2.9	3-20-58	N	N	. . .	. . .	. . .	Water reported to be sulfurous.
Q-16	Earl Wigginton. . . .	Leon Miller. . . .	D	94.2	6	Mg	620	22.4	3- 9-59	M	D	. . .	11	138	
Q-17	Coy Puckett.	Walter Miller. . .	D	72.2	6	Mh-Mg	625	19.9	12-11-58	N	D	. . .	11	248	Sample log in files of U.S. Geol. Survey.
Q-18	J. W. Rolfe.	Roy Bowling. . . .	D	246.0	6	Ms-Mt	630	57.6	7-11-58	N	N	. . .	1,672	. . .	Water sulfurous. Sample log in files of U.S. Geol. Survey.
Q-19	. . . . do	. . . . do	D	77.0	6	Mh-Mg	642	39.8	11- 7-58	Tj	D	. . .	11	322	Casing: 6-in. to 32 ft. Sample log in files of U.S. Geol. Survey.
Q-20	J. W. Johnston. . . .	Boyd McAnally. .	D	80.6	6	Mg	640	43.9	4- 9-58	Tj	D	. . .	11	60	Water sulfurous.
Q-21	. . . . do	. . . . do	D	53.1	6	Mh-Mg	642	17.5	. . do . .	M	D	58	11	230	
Q-22	J. D. Johnston. . . .	Curry Bros	D	83	6	Mh-Mg	638	30	8- -54	Tj	D	. . .	11	200	Water at about 75 ft.
Q-23	J. W. McNabb	. . . . do	D	81.4	6	Mh-Mg	633	40.1	4- 1-58	N	N	. . .	. . .	. . .	
Q-24	. . . . do	Roy Bowling. . . .	D	212.5	6	Mh-Mg	633	50.0	3-20-58	Tj	P	. . .	25	58	Observation well 3-31-58 to 12-8-58. Casing: 6-in. to 30 ft. Supplies service station.
Q-25	L. T. Cooper.	. . . . do	D	54.8	6	Mh-Mg	628	34.7	4- 1-58	Tj	D	. . .	32	80	Casing: 6-in. to 20 ft. Water at 40 ft. Water slightly sulfurous.
Q-26	A. V. Covey	State of Alabama	D	35	6	Mg	588	10	7- -57	Tj	D	. . .	11	12	Casing: 6-in. to 20 ft. Water sulfurous.
Q-27	J. W. Johnston. . . .	Charles W. Miller.	D	108.6	6	Mh-Mg	613	12.7	10-22-59	Tj	P, D	. . .	15	312	Supplies store and 1 family. Odd taste.
Q-28	R. F. McAnally . . .	Boyd McAnally. .	D	60.3	6	Mh-Mg	610	2.0	4- 1-58	Tj	D	. . .	25	146	Casing: 6-in. to 18 ft. Insufficient for domestic supply.
Q-29	D. E. Evans	Roy Bowling. . . .	D	100	6	Mh-Mg	612	8	. . . . .	Tj	D, S	. . .	18	142	Bedrock at 20 ft.
Q-30	Mack Grubb.	Curry Bros	D	46.0	6	Mh-Mg	617	2.0	4- 1-58	Tj	D	. . .	18	180	Casing: 6-in. to 10 ft. Water from 44 to 46 ft. Supplies 5 families.
Q-31	J. W. Grubb	. . . . do	D	197.0	6	Mh-Mg	625	9.1	. . do . .	N	N	. . .	. . .	. . .	Casing: 6-in. to 10 ft. Water from 35 to 37 ft.
Q-32	. . . . do	. . . . do	D	52	6	Mh-Mg	624	10	7- -55	Tj	D, S	. . .	39	1,160	Casing: 6-in. to 10 ft. Water from 30 to 35 ft. Bedrock at 3 ft.
Q-33	. . . . do	. . . . do	D	102	6	Mh-Mg (?)	623	10	. . . . .	Tj	N	. . .	. . .	. . .	Casing: 6-in. to 10 ft.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
Q-34	Jack Pence	J. P. Moore . . .	D	38.1	6	Mh-Mg	630	14.2	4- 9-58	Tj	D	. . .	25	134	
Q-35	Antioch Church. . . .	. . . . .	D	50.4	6	Mh-Mg	630	11.5	3- 6-59	M	Pc	. . .	11	138	
Q-36	P. L. Johnston. . . .	. . . . .	D	39.4	6	Mh-Mg (?)	585	10.1	. . do . .	M	D	. . .	75	164	
Q-37	W. W. Burgess . . .	. . . . .	D	78.8	5	Mb (?)	610	12.4	. . do . .	N	N	. . .	11	226	
Q-38	Grady Wray.	. . . . .	D	44.9	6	Mb	621	32.8	. . do . .	M	D	. . .	11	174	
Q-39	Mike Roberts.	. . . . .	D	65.0	5	Mb	590	13.3	3-10-59	M	D	. . .	39	168	
Q-40	James Lynn.	. . . . .	D	60.0	6	Mb (?)	610	36	. . . . .	Tj	D	. . .	11	188	
Q-41	. . . . do.	. . . . .	D	55	6	Mb (?)	595	27.6	3-10-59	Tj	D,S	. . .	39	170	
Q-42	. . . . do	. . . . .	D	16.0	6	Mb	581	2.5	. . do . .	Tj	D	. . .	32	188	
Q-43	J. B. Humphrey. . .	. . . . .	D	15.0	6	Mb (?)	618	11.4	3- 9-59	M	D	. . .	60	366	
Q-44	W. S. Watkins	. . . . .	D	37.6	6	Mb (?)	591	10.6	. . do . .	M	D	. . .	18	164	
Q-45	Harold Johnson. . . .	Roy Bowling. . . .	D	287.8	6	Ms-Mt (?)	645	76.8	8-22-58	N	N	62	3,603	234	Casing: 6-in. to 24 ft. Water at 282 ft. Bedrock at 10 ft. Water sulfurous. Methane. Sample log in files of U.S. Geol. Survey.
Q-46	Howard Allen.	. . . . do	D	84.7	6	Mg (?)	638	20.3	6-13-58	Tj	D	. . .	18	228	Casing: 6-in. to 27 ft. Water slightly sulfurous. Sample log in files of U.S. Geol. Survey.
Q-47	David Van Day	Charles W. Miller.	D	66.7	6	Mg	640	9.8	1-19-58	N	N	. . .	15	172	
Q-48	Bernard McCutcheon.	. . . . .	D	47.1	6	Mb (?)	635	10.1	3- 9-59	M	D	. . .	11	270	
Q-49	I. V. Dobbs.	. . . . .	D	94.0	6	Mh-Mg (?)	638	33.8	. . do . .	N	N	. . .	. . .	. . .	

Q-50	M. C. Chunn	Crowe Drilling Co.	D	321.0	6	Mh-Mg (?)	665	12.5	3-20-58	M	D	61	25	82	Casing: 6-in. to 28 ft. Water at 176 ft. Bedrock at 20 ft.
Q-51	F. E. Head	. . . . do	D	201.5	6	Mh-Mg (?)	700	30	1947	Pv	D,S	. . .	25	220	
Q-52	A. D. Samples	. . . . .	S	. . . .	. .	Mb	678	. . . .	. . . . .	. .	D	58	11	182	Known as Brindley Hollow Spring. Estimated flow, 50 gpm on 3-10-59.
Q-53	J. E. Briscoe	. . . . .	S	. . . .	. .	Mb	640	. . . .	. . . . .	. .	S	61	4	134	Known as Glasscott Spring. Estimated flow, 50 gpm on 3-10-59.
Q-54	V. C. Russell	J. P. Moore . . .	D	35	6	Mb (?)	624	25.3	3-10-59	M	D	. . .	18	200	Insufficient for domestic supply or dry in summer.
Q-55	. . . . do	Roy Bowling. . . .	D	116	6	Mb (?)	622	10	10- -56	Tj	S	. . .	32	248	Casing: 6-in. to 16 ft.
Q-56	W. W. Turney	. . . . .	D	47.3	6	Mb	657	32.1	3-10-59	N	N	. . .	. . .	. . .	
Q-57	Elliott Peck.	. . . . .	D	44.2	6	Mb (?)	610	22.4	. . do . .	M	D	. . .	53	154	
Q-58	Elbert Briscoe	. . . . .	Du	24.3	36	Qu	605	11.1	. . do . .	M	D	. . .	18	154	
Q-59	J. K. Lawson.	. . . . .	S	. . . .	. .	Mb	618	. . . .	. . . . .	. .	N	57	18	204	Unnamed spring. Estimated flow, 25 gpm on 3-10-59.
Q-60	. . . . do	. . . . .	D	. . . .	6	Mb	588	. . . .	. . . . .	Ph	D	. . .	25	140	Insufficient for domestic supply during dry seasons.
Q-61	James Lynn.	. . . . .	D	49.6	6	Mb	588	10.7	7-16-58	N	D	63	74	198	
Q-62	Howard Jenkens . . .	Curry Bros	D	95	6	Mb	578	3.2	3-10-59	M	D	. . .	11	184	Sample log in files of U.S. Geol. Survey.
Q-63	Lottie Dunn	. . . . .	D	27	6	Mb	588	2.8	7-16-58	Tj	D	. . .	25	126	
Q-64	Morgan County. . . .	. . . . .	D	26.4	6	Mb	590	7.3	. . do . .	Tj	P	. . .	18	134	Observation well. Supplies county shop and 1 store.
Q-65	J. W. Tanner.	. . . . .	D	25.8	6	Mb	588	4.1	3-12-59	M	D	. . .	4	132	
Q-66	M. B. Bowling. . . .	. . . . .	D	49.3	6	Mb	593	16.5	. . do . .	M	D	. . .	25	156	
Q-67	J. E. Tidwell.	. . . . .	D	70.3	6	IPpv	1,065	21.0	. . do . .	M	D	. . .	25	14	
Q-68	State of Alabama. . .	. . . . .	S	. . . .	. .	IPpv	1,000	. . . .	. . . . .	. .	N	. . .	18	38	Known as Peck Mt. Spring. Estimated flow, 100 gpm on 3-12-59.
Q-69	Audie Davis	Rayburn M. Miller.	D	60.0	6	IPpv	1,040	38.8	3-13-59	N	D	. . .	. . .	. . .	Casing: 6-in. to 27 ft. Water at 40 ft. Bailed 400 gal., no drawdown.
Q-70	Jane P. Gibson. . . .	. . . . .	S	. . . .	. .	Mb	618	. . . .	. . . . .	Tj	D	58	11	222	Known as Peck Spring. Estimated flow, 300 gpm on 3-10-59.
Q-71	W. W. Turney	. . . . .	S	. . . .	. .	Mb	630	. . . .	. . . . .	. .	N	61	18	204	Known as Moats Spring. Estimated flow, 100 gpm on 3-10-59.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
Q-72	Judson Lindsay. . . .	. . . . .	D	38.9	6	IPpv	1,150	14.2	3-12-59	M	D	. . .	67	72	
Q-73	P. C. Brooks.	. . . . .	D	32.9	6	IPpv	1,142	11.1	. . do . .	M	D	. . .	32	26	
Q-74	Prentice Brooks . . .	. . . . .	S	. . . .	. .	Mb	640	. . . .	. . . . .	. .	N	50	11	46	Known as Childers Spring. Estimated flow, 500 gpm on 3-10-59.
Q-75	Willie Wilson.	. . . . .	D	32.1	6	IPpv	1,145	11.1	3-12-59	M	D	. . .	46	26	
Q-76	Ila Drinkard.	. . . . .	D	45.4	6	IPpv	1,055	26.4	. . do . .	M	D	. . .	39	64	
Q-77	Gordon Pridmore . .	. . . . .	D	28.1	6	IPpv	1,142	13.7	. . do . .	M	D	. . .	11	4	
Q-78	L. D. Vinson.	Leon Miller. . . .	D	151.0	6	IPpv	1,150	18.7	. . do . .	N	N	. . .	. . .	. . .	Water at 49 ft.
Q-79	D. H. Ward.	. . . . do	D	101.9	6	IPpv	1,142	30.4	. . do . .	M	D	. . .	11	22	
Q-80	E. C. Drinkard . . .	. . . . .	D	103.5	6	IPpv	1,170	31.1	. . do . .	M	D	. . .	25	20	
Q-81	Austin Shields	. . . . .	D	36.1	6	Mb (?)	810	6.2	3-17-59	N	N	. . .	39	188	
Q-82	W. O. Cavey	. . . . .	D	82.4	6	IPpv	1,062	29.1	3-13-59	M	D	. . .	32	18	
Q-83	. . . . do	. . . . .	D	52.6	6	IPpv	1,065	12.6	. . do . .	N	N	. . .	. . .	. . .	
Q-84	Madge Jones	. . . . .	S	. . . .	. .	Mp-Mb (?)	800	. . . .	. . . . .	. .	N	57	11	34	Known as Greasy Cove Spring. Estimated flow, 300 gpm on 3-13-59.
Q-85	Gene Winton.	Crowe Drilling Co.	D	128.6	6	Mh	630	28.8	9- 9-59	Tj	D	. . .	160	16	Sample log in files of U.S. Geol. Survey. Water sulfurous.
Q-86	O. M. Turner	Charles Miller. .	D	78.2	6	Mh-Mg	622	41.0	6-16-59	Tj	N	. . .	4	106	Casing: 6-in. to 43 ft. Water at 45 ft. Pumped 7 gpm, drawdown 10 ft.
Q-87	E. J. Frerichs. . . .	Leon Miller. . . .	D	108	6	IPpv	1,130	63	6- -59	Tj	D	. . .	7	56	Casing: 6-in. to 20 ft.
R- 1	Carl Abercrombie. .	Carl Abercrombie.	D	. . . .	6	IPpv	1,182	. . . .	. . . . .	Tj	D	. . .	46	78	
R- 2	Milford Tyler.	Roy Bowling. . . .	D	75	6	IPpv	1,161	20	. . . . .	Tj	D	. . .	11	60	Casing: 6-in. to 20 ft. Insufficient for domestic supply.
R- 3	H. G. Criscoe	. . . . do	D	117	6	IPpv	1,160	37	. . . . .	Tj	D	. . .	4	114	
R- 4	. . . . do	. . . . do	D	43.2	6	IPpv	1,178	12.4	8- 5-58	M	D	. . .	. . .	. . .	

R- 5	Richard Parker . . .	. . . . do	D	102	6	IPpv	1,183	31.5	. . do . .	Tj	D	. . .	11	48	
R- 6	. . . . do	. . . . .	D	. . . .	6	IPpv	1,140	21.0	. . do . .	Tj	D	. . .	11	118	
R- 7	Eddis Brown	. . . . .	D	. . . .	6	IPpv	1,179	. . . .	. . . . .	Tj	D	. . .	11	36	
R- 8	L. M. Wells	. . . . .	D	37.6	6	IPpv	1,128	16.7	8- 5-58	M	D	65	18	54	
R- 9	. . . . do	. . . . .	D	32	6	IPpv	1,145	16.9	. . do . .	M	D	65	18	80	
R-10	. . . . do	. . . . .	D	102	6	IPpv	1,140	19.9	. . do . .	Tj	D	. . .	11	178	Water at 62 ft.
R-11	Eldridge Criscoe . .	. . . . .	Du	33.7	36	IPpv	1,150	11.2	. . do . .	M	D	64	32	80	Insufficient for domestic supply during dry seasons.
R-12	. . . . do	. . . . .	D	100	6	IPpv	1,150	50	. . . . .	Tj	D	. . .	18	26	
R-13	T. J. Campbell . . .	Curry Bros	D	100	6	IPpv	1,125	. . . .	. . . . .	Tj	D	. . .	11	150	
R-14	Elbert Thomas	Roy Bowling. . . .	D	58	6	IPpv	1,120	20	. . . . .	Tj	D,S	. . .	11	114	
R-15	J. E. Parker.	. . . . do	D	48	6	IPpv	1,144	19.5	8- 6-58	M	D	65	32	112	
R-16	. . . . do	. . . . .	D	49.5	6	IPpv	1,121	20.8	. . do . .	N	N	. . .	. . .	. . .	
R-17	. . . . do	. . . . .	D	32.0	6	IPpv	1,124	5.1	. . do . .	M	D	65	18	80	
R-18	Jack Parker.	Roy Bowling. . . .	D	50	6	IPpv	1,140	20.0	. . do . .	Tj	D	. . .	11	44	
R-19	J. W. Wilson.	Calvin Walls . . .	D	40	6	IPpv	1,145	20	. . . . .	Tj	D	. . .	18	58	
R-20	Doris Parker.	Carl Abercrombie.	D	100	6	IPpv	1,135	20	. . . . .	Tj	D	. . .	11	116	
R-21	R. D. Ransom	Curry Bros	D	100	6	IPpv	1,144	29.0	8- 6-58	Tj	D	. . .	11	66	
R-22	Flora Parker.	. . . . .	D	54	6	IPpv	1,134	11.0	. . do . .	Tj	D	. . .	11	22	
R-23	Pineridge Church . .	. . . . .	D	35.1	6	IPpv	1,142	18.9	. . do . .	M	Pc	65	11	52	Insufficient for church supply during dry seasons.
R-24	W. A. Crawford. . .	. . . . .	S	. . . .	. .	Mb	880	. . . .	. . . . .	. .	. .	62	11	52	Known as Lemons Spring. Estimated flow, 50 gpm on 8-14-58.
R-25	Richard Reeves . . .	. . . . .	D	55	6	IPpv	1,150	24.6	8-11-58	M	D	64	18	44	
R-26	Delmar Bagwell . . .	. . . . .	D	. . . .	6	IPpv	1,245	. . . .	. . . . .	Ts	D	. . .	11	78	
R-27	H. W. Fowler	Curry Bros	D	158.5	6	IPpv	1,225	71.3	8-11-58	M	D	64	11	40	
R-28	A. M. McClure . . .	. . . . .	D	50	6	IPpv	1,225	. . . .	. . . . .	Tj	D	. . .	11	28	
R-29	. . . . do	. . . . .	Du	25	36	IPpv (?)	1,222	. . . .	. . . . .	Tj	S	. . .	. . .	. . .	Insufficient for stock supply at times.
R-30	. . . . do	. . . . .	D	70	6	IPpv	1,215	. . . .	. . . . .	Tj	D	. . .	11	68	
R-31	Ed Oldham.	. . . . .	D	. . . .	6	IPpv	1,180	32.8	8-12-58	Tj	D	. . .	. . .	. . .	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
R-32	W. E. Starnes	Curry Bros	D	81.0	6	IPpv	1,165	27.1	8-29-58	M	D	63	7	16	Sample log in files of U.S. Geol. Survey.
R-33	Elmer Rutherford . .	. . . . .	D	42	6	IPpv	1,162	6.1	8-11-58	M	D	64	11	106	
R-34	. . . . do	. . . . .	D	71.7	6	IPpv	1,155	7.3	. . do . .	M	D	64	32	74	
R-35	Ellis Thomas	. . . . .	D	50.5	6	IPpv	1,160	2.4	8-12-58	N	N	. . .	. . .	. . .	
R-36	. . . . do	. . . . .	D	40	6	IPpv	1,160	. . . .	. . . . .	Tj	D	. . .	18	66	
R-37	D. N. Henderson . .	. . . . .	D	33.5	6	IPpv	1,115	12.3	8-12-58	N	N	. . .	. . .	. . .	
R-38	. . . . do	Curry Bros	D	91	6	IPpv	1,115	15	8- -56	Tj	D	. . .	11	120	Insufficient for domestic supply.
R-39	Kelly Mitchell	. . . . .	D	45.1	6	IPpv	1,125	22.3	8-11-58	M	D	65	18	116	
R-40	. . . . do	. . . . .	D	40	6	IPpv	1,115	. . . .	. . . . .	Tj	D	. . .	25	80	
R-41	-- Steward.	R. H. Morgan . .	D	137	6	IPpv	1,280	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	Water at 45 and 120 ft.
R-42	A. C. Bruce	Boyd McAnally . .	D	116	6	IPpv	1,200	50	. . . . .	Tj	D	. . .	11	60	
R-43	H. Culbreath	. . . . .	D	54.7	6	IPpv	1,275	21.9	8-14-58	M	D	64	11	46	
R-44	. . . . do	. . . . .	D	53.6	6	IPpv	1,210	15.8	. . do . .	N	N	. . .	. . .	. . .	
R-45	. . . . do	. . . . .	D	44.0	6	IPpv	1,210	31.9	. . do . .	M	D	64	11	60	Insufficient for domestic supply during dry seasons.
R-46	E. H. Flack.	. . . . .	D	48.0	6	IPpv	1,210	22.5	. . do . .	N	D	. . .	. . .	. . .	Do.
R-47	. . . . do	. . . . .	D	100	6	IPpv	1,210	35.1	. . do . .	Tj	D	. . .	11	30	
R-48	W. G. Henderson . .	. . . . .	D	100	6	IPpv	1,205	31.8	. . do . .	Tj	D	. . .	11	40	
R-49	O. J. Goodson	. . . . .	Du	.54.8	36	IPpv	1,220	19.6	. . do . .	Tj	D	. . .	32	36	Water at 51 ft.
R-50	W. C. Henderson . .	. . . . .	D	75	6	IPpv	1,195	25	. . . . .	Tj	D	. . .	174	70	
R-51	C. L. Cryer	. . . . .	S	. . . .	. .	IPpv (?)	1,000	. . . .	. . . . .	. .	S	63	11	114	Known as Cryer Spring. Estimated flow, 5 gpm on 8-15-58.
R-52	Q. L. Hendrix	. . . . .	Du	41.5	36	IPpv	1,170	28.4	8-15-58	Tj	D	. . .	32	50	
R-53	A. J. Stevenson . . .	Boyd McAnally . .	D	46.3	6	IPpv	1,185	33.2	. . do . .	N	N	. . .	. . .	. . .	
R-54	. . . . do	. . . . .	D	76	6	IPpv	1,185	32	. . . . .	Tj	D	. . .	11	62	

R-55	Clifford Haga	Roy Bowling	D	120	6	IPpv	1,165	50	.....	Tj	D	...	32	54	
R-56	....do	.....	D	43.6	6	IPpv	1,165	18.6	8-15-58	N	N	...	...	...	
R-57	C. L. Cryer	.....	D	37.8	6	Mb (?)	618	26.4	..do..	M	D	63	39	320	Insufficient for domestic supply during dry seasons.
R-58	....do	.....	S	....	..	Mb	610	....	.....	..	S	62	11	132	Known as Guyer Spring. Estimated flow, 50 gpm on 8-15-58.
R-59	S. D. Whitten	.....	D	32.9	6	Mb (?)	615	18.6	8-15-58	M	D	63	11	132	
R-60	W. C. Miller	.....	D	42.4	6	IPpv	1,110	34.6	..do..	M	D	64	46	108	
R-61	....do	.....	S	....	..	IPpv	1,070	....	.....	..	S	64	18	26	Known as Miller Spring. Estimated flow, 5 gpm on 8-15-58.
R-62	Joe Rolfe	.....	S	....	..	Mb	620	....	.....	..	N	62	11	158	Known as Fowler Spring. Estimated flow, 30 gpm on 8-26-58.
R-63	....do	.....	D	19.8	6	Qu	590	13.0	8-26-58	Pp	D	63	11	234	
R-64	Earl Pritchett	.....	Du	38.9	36	IPpv	1,190	15.3	8-15-58	M	D	64	32	48	
R-65	W. A. Irving	.....	Du	19.5	36	IPpv	1,142	13.2	..do..	Tj	D	...	25	42	
R-66	J. W. Osborne	.....	Du	24.2	36	IPpv	1,200	17.7	8-25-58	M	D	63	18	44	Insufficient for domestic supply in summer.
R-67	L. O. Oldacre	Calvin Walls	D	47	6	IPpv	1,165	22	.....	Tj	D	...	32	66	
R-68	Lee Simpson	.....	D	100	6	IPpv	1,188	75	.....	Tj	D	...	11	80	
R-69	....do	.....	D	27.5	6	IPpv	1,190	19.0	8-25-58	M	D	63	39	42	Insufficient for domestic supply.
R-70	Charles Morris	.....	D	100	6	IPpv	1,200	80	.....	Tj	D	...	67	88	
R-71	Harlan Thomas	.....	D	46.7	6	IPpv	1,150	22.3	8-27-58	M	D	63	89	112	
R-72	T. R. Flack	.....	D	116	6	IPpv	1,150	55.4	8-25-58	Tj	D	...	11	62	
R-73	....do	.....	D	31.1	6	IPpv	1,140	13.2	8-26-58	M	D	63	60	74	
R-74	T. L. Morris	.....	D	51.3	6	IPpv	1,175	31.3	..do..	M	D	63	11	34	
R-75	....do	Curry Bros	D	....	6	IPpv	1,150	....	.....	Tj	D	...	11	44	
R-76	M. N. Flack	.....	Du	28.3	36	IPpv	1,228	14.3	8-25-58	M	D	63	11	42	Insufficient for domestic supply during dry seasons.
R-77	J. Y. Flack	Curry Bros	D	109	6	IPpv	1,210	50	.....	Tj	D	...	11	52	
R-78	....do	.....	Du	60	36	IPpv	1,205	....	.....	N	D	...	...	...	
R-79	Lewis Johnson	Roy Bowling	D	80	6	IPpv	1,183	40	.....	Tj	D	...	11	38	
R-80	Eula Couch	....do	D	112	6	IPpv	1,180	40	.....	Tj	D	...	11	52	
R-81	Dimples Owen	.....	D	75.3	6	IPpv	1,200	50.8	8-27-58	M	D	...	...	...	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
R-82	Nora Owen.	. . . . .	Du	33.9	36	IPpv	1,175	28.9	8-27-58	M	D	63	11	58	Insufficient for domestic supply during dry seasons.
R-83	. . . . do	. . . . .	Du	31.3	36	IPpv	1,150	24.4	. . do . .	M	D	63	96	68	
R-84	. . . . do	. . . . .	D	50	6	IPpv	1,150	25	. . . . .	Tj	D	. . .	11	54	
R-85	. . . . do	Boyd McAnally . .	D	64.7	6	IPpv	1,105	25.7	8-27-58	M	D	63	32	52	
R-86	Grafton King	Curry Bros	D	30	6	IPpv	1,103	5	. . . . .	Tj	D	. . .	11	58	
R-87	J. L. Willis.	. . . . .	D	22	6	IPpv	1,100	. . . .	. . . . .	Tj	D	. . .	11	110	Supplies 3 families.
R-88	G. A. Prince.	. . . . .	D	79.5	6	IPpv	1,095	12.9	8-12-59	M	D	64	32	112	
R-89	. . . . do	. . . . .	D	35.0	6	IPpv	1,098	11.0	. . do . .	M	D	64	18	82	
R-90	. . . . do	. . . . .	Du	33.0	36	IPpv	1,145	21.7	. . do . .	M	D	64	25	26	
R-91	. . . . do.	. . . . .	D	38.0	6	IPpv	1,105	17.1	. . do . .	M	D	64	67	96	
R-92	Annie Abercrombie .	. . . . .	D	60.1	6	IPpv	1,118	14.1	. . do . .	M	D	64	11	60	
R-93	Reece Thompson. . .	. . . . .	D	35.0	6	IPpv	1,078	4.6	. . do . .	N	N	. . .	. . .	. . .	
R-94	. . . . do	. . . . .	D	. . . .	6	IPpv	1,078	. . . .	. . . . .	Tj	D	. . .	11	126	
R-95	J. E. Simmons. . . .	. . . . .	D	80.6	6	IPpv	1,120	35.8	8-13-58	M	D	64	11	60	
R-96	Ella Bolden	. . . . .	D	29.6	6	IPpv	1,060	9.4	. . do . .	N	N	. . .	. . .	. . .	Dry at times.
R-97	. . . . do	. . . . .	D	. . . .	6	IPpv (?)	1,125	36.2	. . do . .	Tj	D	. . .	11	144	Supplies 3 families.
R-98	Z. L. Parsons	. . . . .	D	33.0	6	IPpv	1,088	4.3	. . do . .	M	D	64	11	56	
R-99	W. H. Curry	Curry Bros	D	84	6	Mp (?)	1,088	25	. . . . .	Tj	D	. . .	11	140	Water at 75 ft.
R-100	C. T. Light	J. J. Leach. . . .	D	69.5	6	IPpv	1,125	21.1	8-13-58	M	D	64	25	78	
R-101	Welch Edmonds . . .	Curry Bros	D	110	6	IPpv	1,122	16.0	8-28-58	Tj	D	. . .	18	58	Sample log in files of U.S. Geol. Survey.
R-102	J. W. Campbell . . .	. . . . .	D	60	6	IPpv	1,130	10.5	8- 7-58	Tj	D	. . .	11	68	
R-103	E. C. Compton. . . .	. . . . .	Du	25	36	IPpv	1,130	7.5	. . do . .	Tj	D	. . .	18	26	

R-104	Dan West.	. . . . .	D	30.5	7	IPpv	1,102	2.5	. . do . .	M	D	65	11	34	
R-105	Floyd Taylor	. . . . .	D	24	6	IPpv	1,075	10	. . . . .	Tj	D	. . .	11	172	
R-106	Otis Andrews	. . . . .	D	55	6	IPpv	1,078	. . . .	. . . . .	Tj	D	. . .	11	136	
R-107	G. J. Crisco	. . . . .	S	. . . .	. .	IPpv	1,040	. . . .	. . . . .	. .	D	65	11	58	Unnamed spring. Estimated flow, 5 gpm on 8-7-58.
R-108	. . . . do	. . . . .	D	56.8	6	IPpv	1,095	36.4	8- 7-58	M	D	65	18	96	
R-109	. . . . do	. . . . .	S	. . . .	. .	IPpv	1,065	. . . .	. . . . .	. .	N	65	11	64	Unnamed spring. Estimated flow, 3 gpm on 8-7-58.
R-110	E. B. Compton. . . .	. . . . .	D	59	6	IPpv	1,135	20	. . . . .	Tj	D	. . .	60	68	Insufficient for domestic supply during dry seasons.
R-111	Luther Mabrey. . . .	J. J. Leach. . . .	D	84	6	IPpv	1,120	45.4	8- 7-58	Tj	D	. . .	18	94	
R-112	G. H. Bowling	Roy Bowling. . . .	D	. . . .	6	IPpv	1,107	48.1	8- 8-58	Tj	D	. . .	11	114	
R-113	. . . . do	. . . . do	D	52.5	6	IPpv	1,107	26.7	. . do . .	M	D	65	18	70	
R-114	Kermit Young.	. . . . .	D	63	6	IPpv	1,105	51	. . . . .	Tj	N	. . .	. . .	. . .	
R-115	. . . . do	Curry Bros	D	107.5	6	IPpv	1,105	51.2	8- 7-58	Tj	D	. . .	18	134	Casing: 6-in. to 33 ft. Reported bail test, 20 gpm. Sample log in files of U.S. Geol. Survey.
R-116	H. O. Culbreath. . .	Roy Bowling. . . .	D	78	6	IPpv	1,112	58	. . . . .	Tj	D	. . .	18	96	
R-117	M. A. Campbell. . .	. . . . .	D	79	6	IPpv	1,175	39	6- -55	Tj	D	. . .	11	50	
R-118	R. S. Andrews. . . .	. . . . .	D	. . . .	6	IPpv	1,055	21.8	8- 8-58	Tj	D	. . .	11	50	
R-119	J. R. Baker.	. . . . .	D	39.0	6	IPpv (?)	1,015	18.9	. . do . .	M	D	65	11	122	
R-120	Luther Mabrey. . . .	. . . . .	S	. . . .	. .	Mb (?)	840	. . . .	. . . . .	. .	D	62	18	130	Unnamed spring. Estimated flow, 30 gpm on 8-13-58.
R-121	George Whisenant. .	Curry Bros	D	. . . .	6	IPpv	1,125	. . . .	. . . . .	Tj	D	. . .	11	110	
R-122	B. E. Curry	. . . . do	D	81	6	IPpv	1,110	30	. . . . .	Tj	D	. . .	10	40	Water at 25 ft. No drawdown on bail test.
R-123	W. H. Curry	. . . . do	D	67.3	6	IPpv	1,090	18.3	8-13-58	N	N	. . .	. . .	. . .	
R-124	. . . . do	. . . . do	D	50	6	IPpv	1,075	20	. . . . .	Tj	N	. . .	. . .	. . .	Water at 25 ft.
R-125	C. Robinson.	. . . . .	S	. . . .	. .	Mb	600	. . . .	. . . . .	. .	N	62	11	130	Known as Lamons Spring. Estimated flow, 100 gpm on 8-28-58.
R-126	W. O. Marr.	. . . . .	D	44.5	6	IPpv	1,190	26.6	8-27-58	M	D	63	39	38	
R-127	T. R. Flack.	. . . . .	S	. . . .	. .	IPpv	1,060	. . . .	. . . . .	. .	D	63	18	74	Known as Flack Spring. Estimated flow, 5 gpm on 8-26-58.
R-128	J. A. Caddell.	. . . . .	S	. . . .	. .	Mb	600	. . . .	. . . . .	. .	S	62	18	120	Known as Cove Spring No. 1. Estimated flow, 75 gpm on 8-28-58.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
R-129	J. A. Caddell.	. . . . .	S	. . . .	. .	Mb	630	. . . .	. . . . .	. .	S	62	11	142	Known as Cove Spring No. 2. Estimated flow, 25 gpm on 8-28-58.
R-130	W. O. Marr.	. . . . .	D	69.5	6	IPpv	1,210	29.8	8-27-58	M	D	63	11	40	
R-131	T. R. Flack.	. . . . .	D	44.2	6	IPpv	1,145	28.9	8-26-58	M	D	63	32	62	
R-132	. . . . do	. . . . .	D	74.7	6	IPpv	1,162	30.7	. . do . .	M	D	63	117	74	
R-133	. . . . do	. . . . .	D	29.8	6	IPpv	1,120	8.3	. . do . .	M	D	63	11	38	
R-134	Pearl Bailey	. . . . .	Du	23.1	36	Qu	622	8.2	8-28-58	M	D	62	11	22	
R-135	Robert Knighten . . .	. . . . .	Du	25.9	36	Qu	630	15.7	. . do . .	M	D	62	18	60	
R-136	. . . . do	. . . . .	D	. . . .	6	Mb	630	50.8	. . do . .	Tj	D	. . .	. . .	. . .	
R-137	Marvin Bowling . . .	. . . . .	D	70	6	Mb	620	45	. . . . .	Tj	D	. . .	11	190	
R-138	W. P. Fowler	. . . . .	D	57	6	Mb	605	40	. . . . .	Tj	D	. . .	25	312	
R-139	Oliver Beals	. . . . .	Du	21.2	36	Qu	600	19.8	8-28-58	M	D	63	18	272	
R-140	. . . . do	. . . . .	D	. . . .	6	Mb	618	62.2	. . do . .	Tj	D	. . .	18	200	
R-141	. . . . do	. . . . .	D	84.5	6	Mb	610	33.4	. . do . .	N	N	. . .	. . .	. . .	
R-142	Aaron Beaver.	. . . . .	S	. . . .	. .	Mb	620	. . . .	. . . . .	Tj	D	62	11	114	Known as Beaver Spring. Estimated flow, 20 gpm on 8-29-58.
R-143	Ben Russell.	. . . . .	S	. . . .	. .	Mb	590	. . . .	. . . . .	Tj	D	62	11	140	Known as Russell Spring. Estimated flow, 10 gpm on 8-29-58.
R-144	Georgia Roden	. . . . .	D	77.7	6	Mb	615	23.4	7-18-58	M	D	64	18	336	Observation well. Water sulfurous.
R-145	Minnie Peck.	. . . . .	Du	21.7	36	Qu	605	13.1	8-29-58	Tj	D	. . .	53	172	
R-146	. . . . do	. . . . .	Du	19.8	36	Qu	598	13.5	. . do . .	Tj	D	. . .	60	268	
R-147	G. A. Johnson	. . . . .	Du	27.1	36	Qu	610	13.9	. . do . .	M	D	62	18	50	Insufficient for domestic supply twice in past 40 years.
R-148	A. A. Johnson	. . . . .	Du	26.8	36	Qu	600	23.2	. . do . .	Tj	D	. . .	4	34	Insufficient for domestic supply during dry seasons.
R-149	A. Van Sandt	Roy Bowling. . . .	D	62	8	Mb	597	23.2	9- 3-58	Tj	D	. . .	18	240	

R-150	A. J. Garrison. . . .	. . . . .	D	28	6	Qu (?)	591	13.0	8-29-58	Tj	D	. . .	18	252	
R-151	C. J. Keyes.	Fred Fowler . . .	D	75	6	Mb	605	34.5	9- 3-58	Tj	D	. . .	11	240	
R-152	C. E. Marr.	. . . . .	D	48	6	Mb	595	16	. . . . .	Tj	D	. . .	25	136	
R-153	A. E. Bowen	. . . . .	D	65	6	Mb	618	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
R-154	E. J. Starnes.	Curry Bros	D	82	6	Ppv	1,080	36.5	8-27-58	Tj	D	. . .	18	68	
R-155	E. M. Bowen.	. . . . .	S	. . . .	. .	Mb	840	. . . .	. . . . .	. .	D	62	11	116	Unnamed spring. Estimated flow, 20 gpm on 9-3-58.
R-156	Carl Robinson	. . . . .	S	. . . .	. .	Mb	640	. . . .	. . . . .	Tj	D	62	11	144	Known as Robinson Spring. Estimated flow, 10 gpm on 9-3-58.
R-157	James Lynn.	. . . . .	S	. . . .	. .	Mb	600	. . . .	. . . . .	. .	N	62	11	122	Known as Hughes Spring. Estimated flow, 500 gpm on 8-8-58.
R-158	J. L. Sharp.	. . . . .	D	45	6	Ppv	905	20.0	8- 8-58	Pv	D	65	11	46	
R-159	Burford Tyler	. . . . .	D	. . . .	6	Ppv	895	18.9	. . do . .	N	N	. . .	. . .	. . .	
R-160	. . . . do	. . . . .	Du	23.4	36	Qu (?)	890	13.5	. . do . .	M	D	65	25	56	
R-161	. . . . do	. . . . .	D	32.7	6	Ppv	895	18.7	. . do . .	M	N	65	11	98	
R-162	Lawson Oden	. . . . .	D	30.7	6	Mb	640	26.6	9- 3-58	N	N	. . .	. . .	. . .	
R-163	Ellie Oden.	. . . . .	S	. . . .	. .	Mb	600	. . . .	. . . . .	. .	N	62	11	100	Known as Skidmore Spring. Estimated flow, 50 gpm on 9-8-58.
R-164	Dewitt Crawford. . .	. . . . .	D	148.6	6	Mb	635	25.6	9- 3-58	N	N	. . .	. . .	. . .	
R-165	. . . . do	. . . . .	S	. . . .	. .	Mb	605	. . . .	. . . . .	. .	D	62	18	196	Known as Spout Spring. Estimated flow, 10 gpm on 9-3-58.
R-166	E. C. Ryan	. . . . .	S	. . . .	. .	Mb	600	. . . .	. . . . .	. .	N	62	11	168	Known as Ryan Spring. Estimated flow, 5 gpm on 9-4-58.
R-167	. . . . do	Leon Miller. . . .	D	100	6	Mb	602	15	. . . . .	Tj	D	. . .	188	114	Water sulfurous.
R-168	Ellie Oden.	. . . . .	D	100	6	Mb	615	33.2	9- 4-58	Tj	D	. . .	18	204	
R-169	. . . . do	. . . . .	D	91.8	6	Mb	605	20.8	. . do . .	N	N	. . .	. . .	. . .	
R-170	W. O. Light.	. . . . .	D	48.6	6	Mp	802	9.1	. . do . .	N	N	. . .	. . .	. . .	
R-171	L. C. Crawford . . .	. . . . .	S	. . . .	. .	Mp	820	. . . .	. . . . .	. .	S	62	18	80	Known as Crawford Spring No. 3. Estimated flow, 10 gpm on 9-8-58.
R-172	W. O. Light.	. . . . .	Du	22.4	36	Qu (?)	835	12.5	9- 4-58	N	N	. . .	. . .	. . .	
R-173	. . . . do	. . . . .	Du	16.0	36	Qu (?)	835	8.2	. . do . .	M	D	63	67	78	Insufficient for domestic supply during dry seasons.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
R-174	Charlie Marlar. . . .	. . . . .	D	. . . .	6	Mb	590	20.3	8-29-58	Tj	D	. . .	46	336	
R-175	L. C. Crawford . . .	. . . . .	D	44.5	6	Mb	620	13.2	9- 4-58	N	N	. . .	. . .	. . .	
R-176	Paul Bowling	. . . . .	D	36	6	Mb	581	15	. . . . .	Tj	D	. . .	25	226	
R-177	Monroe Bowling . . .	. . . . .	Du	23.2	36	Qu	590	22.2	9- 5-58	N	N	. . .	. . .	. . .	
R-178	. . . . do	. . . . .	Du	10.0	36	Qu	600	. . . .	. . . . .	Tj	D	. . .	11	190	Estimated flow, 5 gpm on 9-5-58.
R-179	Randolph Ryan	. . . . .	D	45	6	Mb	600	13.2	9- 5-58	M	N	. . .	. . .	. . .	
R-180	. . . . do	. . . . .	D	90	6	Mb	605	30	. . . . .	Tj	D	. . .	18	206	
R-181	W. H. Oden.	. . . . .	D	74.5	6	Mb	602	16.8	9- 5-58	M	D	62	89	326	Insufficient for domestic supply during dry seasons.
R-182	G. L. Rice	. . . . .	Du	24.6	36	Qu	618	22.5	9- 9-58	M	D	62	46	174	
R-183	James Gurley.	. . . . .	D	. . . .	6	Mb	625	. . . .	. . . . .	Tj	D	. . .	25	216	
R-184	W. S. Oden	. . . . .	D	53.4	6	Mp	875	47.3	9- 5-58	M	D	63	11	226	
R-185	Bertha Entrekin . . .	. . . . .	D	66.8	6	Mb	645	43.9	9- 8-58	M	D	62	25	232	
R-186	. . . . do	. . . . .	S	. . . .	. .	Mb	620	. . . .	. . . . .	. .	D	62	18	270	Known as Blowing Spring. Estimated flow, 5 gpm on 9-8-58
R-187	. . . . do	. . . . .	D	52.7	6	Mb	625	48.2	9- 8-58	N	N	. . .	. . .	. . .	
R-188	Marcus Jaquess . . .	. . . . .	S	. . . .	. .	Mb	730	. . . .	. . . . .	. .	D	62	11	194	Known as Jaquess Spring. Estimated flow, 5 gpm on 9-5-58.
R-189	Poultry By-Products	Poultry By-Products.	D	52.0	8	Mb	579	16.5	9- 5-58	N	N	. . .	. . .	. . .	
R-190	. . . . do	. . . . do	D	. . . .	8	Mb	579	30.1	. . do . .	Tj	N	. . .	. . .	. . .	
R-191	. . . . do	. . . . do	D	300	8	Mb	610	23.7	. . do . .	N	N	. . .	. . .	. . .	
R-192	Mary McKee	. . . . .	Du	36.1	36	Qu	618	28.3	9- 9-58	M	D	62	11	144	
R-193	W. O. Light.	. . . . .	D	58	6	Mp	855	20	. . . . .	Tj	D	. . .	32	204	
R-194	Jim Burleson.	. . . . .	Du	12.6	20	Qu (?)	800	7.6	9- 4-58	M	D	63	11	80	Insufficient for domestic supply during dry seasons.
R-195	Calvin Bryant.	Charles W. Miller.	D	48.3	6	Mp (?)	790	1.3	7-16-58	M	D	64	18	316	Water at 11 ft.

R-196	E. D. Hipp	Ed Hartselle . . .	D	20.3	6	Mp (?)	810	9.3	. . do . .	M	D	64	74	90	Insufficient for domestic supply during dry seasons.
R-197	Jessie Estes	Fred Fowler . . .	D	30.4	6	Mp	790	7.2	. . do . .	Tj	D	. . .	. . .	. . .	Observation well. Pump tested for 1 week, drawdown 4 ft.
R-198	Guy Fowler	. . . . .	D	62.0	6	Mp	770	24.4	9- 9-58	M	D	62	18	200	
R-199	. . . . do	. . . . .	D	52.4	6	Mp	795	16.8	9- 8-58	M	D	62	32	136	
R-200	L. C. Crawford . . .	. . . . .	D	120	6	Mp	790	20.0	. . do . .	Tj	D	. . .	11	154	
R-201	Ord Walker	. . . . .	S	. . . .	. .	Mb	620	. . . .	. . . . .	. .	D	62	18	154	Known as Walker Spring. Estimated flow, 10 gpm on 9-9-58.
R-202	. . . . do	. . . . .	D	60.1	6	Mb	640	42.0	9- 9-58	M	D	62	351	286	Insufficient for domestic supply during dry seasons.
R-203	Elbert Prince.	. . . . .	Du	22.5	36	Qu (?)	850	18.5	9- 4-58	M	D	62	131	206	Dry at times.
R-204	E. D. Taylor	. . . . .	D	80.1	6	Mp	810	29.8	9- 9-58	M	D	62	25	236	
R-205	. . . . do	Curry Bros	D	86	6	Mp	805	. . . .	. . . . .	Tj	S	. . .	32	110	
R-206	H. E. Leeth.	. . . . .	S	. . . .	. .	Mb	700	. . . .	. . . . .	. .	D	62	11	206	Known as Leeth Spring. Estimated flow, 5 gpm on 9-9-58.
S- 1	Sula Owen	Curry Bros	D	134	6	IPpv	1,168	32.0	6-25-58	Tj	D	. . .	18	60	
S- 2	. . . . do	J. J. Leach. . . .	D	51	6	IPpv	1,162	16.1	. . do . .	Tj	D	. . .	11	98	
S- 3	J. W. Yancey.	. . . . do	D	198	6	IPpv	1,168	34	. . . . .	Tj	D	. . .	11	70	Insufficient for domestic supply at times.
S- 4	Leslie Owens, Jr . .	Curry Bros	D	65	6	IPpv	1,165	28.2	7-30-58	Tj	D	. . .	11	24	Water at 47 ft.
S- 5	J. L. Owens	. . . . do	D	150	6	IPpv	1,178	24.6	. . do . .	Tj	D	. . .	28	46	Sample log in files of U.S. Geol. Survey.
S- 6	. . . . do	. . . . .	D	41.5	6	IPpv	1,180	25.4	6-25-58	M	D	64	46	56	
S- 7	J. H. Curry.	. . . . .	D	41	6	IPpv	1,162	28.2	7-30-58	M	D	66	18	117	
S- 8	J. A. Lawrence . . .	. . . . .	D	65	6	IPpv	1,140	15	. . . . .	Tj	D	. . .	11	26	Insufficient for domestic supply at times.
S- 9	. . . . do	. . . . .	Du	24.0	6	IPpv	1,128	11.1	7-30-58	N	N	. . .	. . .	. . .	
S-10	J. C. Lawrence . . .	J. J. Leach. . . .	D	110	6	IPpv	1,125	40	. . . . .	Tj	D	. . .	11	136	Water at 100 ft.
S-11	Dewey Moon.	Calvin Walls . . .	D	49.6	6	IPpv	1,130	23.9	7-31-58	M	D	66	11	112	
S-12	Gordon Gullion	Roy Bowling. . . .	D	60	6	IPpv	1,142	. . . .	. . . . .	Tj	D	. . .	4	68	
S-13	. . . . do	. . . . .	D	27.1	6	IPpv	1,120	19.4	7-31-58	M	D	66	32	58	
S-14	S. P. Garrison. . . .	J. J. Leach. . . .	D	37.3	6	IPpv	1,100	15.3	8- 1-58	M	D	66	18	50	
S-15	D. M. Edwards . . .	. . . . .	D	35	6	IPpv	1,122	19.5	. . do . .	M	D	. . .	. . .	. . .	
S-16	J. A. White.	. . . . .	D	34.5	6	IPpv	1,125	21.0	7-30-58	M	D	66	18	29	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
S-17	Carl White.	. . . . .	D	. . . .	6	IPpv	1,095	. . . .	. . . . .	Tj	D	. . .	. . .	. . .	
S-18	. . . . do	. . . . .	D	20.4	6	IPpv	1,082	3.2	7-30-58	M	D	66	11	144	
S-19	D. M. Edwards . . .	. . . . .	D	17.3	6	IPpv	1,080	4.3	. . do . .	M	D	66	11	122	
S-20	H. King.	. . . . .	D	17	6	IPpv	1,068	8.1	. . do . .	M	D	65	11	50	
S-21	J. C. Hornbuckle . .	. . . . .	S	. . . .	. .	IPpv	1,070	. . . .	. . . . .	. .	D	66	11	16	Known as Old Prince Place Spring. Estimated flow, 10 gpm on 7-30-58.
S-22	J. W. Smith.	J. J. Leach. . . .	D	66	6	IPpv	1,118	30	. . . . .	Tj	D	. . .	18	132	
S-23	W. O. Walter.	. . . . do	D	57	6	IPpv	1,096	13.8	8- 1-58	Tj	D	. . .	11	134	
S-24	P. M. Walter.	Calvin Walls . . .	D	36	6	IPpv	1,098	8.0	7-31-58	Tj	D	. . .	11	148	
S-25	G. W. Walter.	. . . . .	S	. . . .	. .	IPpv	960	. . . .	. . . . .	. .	N	66	18	154	Known as Spout Spring. Estimated flow, 5 gpm on 8-1-58.
S-26	. . . . do	. . . . .	D	36	6	IPpv	1,102	10.0	8- 1-58	N	N	. . .	. . .	. . .	
S-27	. . . . do	Roy Bowling. . . .	D	106	6	IPpv	1,118	27	. . . . .	Tj	D	. . .	18	132	
S-28	. . . . do	. . . . .	D	35	6	IPpv	1,118	11.5	8- 1-58	N	S	. . .	. . .	. . .	
S-29	E. L. Perkins	Roy Bowling. . . .	D	33	6	IPpv	1,080	12	. . . . .	Tj	D	. . .	11	190	Pumped 3 gpm; reported drawdown 7 ft. in 1½ hours.
S-30	R. A. Greenhaw. . .	Carl Abercrombie.	D	100	6	IPpv	1,065	27	7- -57	Tj	D	. . .	18	82	
S-31	J. A. Greenhaw . . .	Roy Bowling. . . .	D	68	6	IPpv	1,050	25	. . . . .	Tj	D	. . .	11	48	
S-32	. . . . do	. . . . .	S	. . . .	. .	IPpv	910	. . . .	. . . . .	. .	N	64	18	109	Known as Blowing Spring. Estimated flow, 30 gpm on 7-31-58.
S-33	Glenn Greenhaw . . .	. . . . .	S	. . . .	. .	IPpv	1,035	. . . .	. . . . .	. .	N	66	18	86	Known as Greenhaw Spring. Estimated flow, 2 gpm on 7-31-58.
S-34	. . . . do	Roy Bowling. . . .	D	203	6	IPpv	1,040	57.4	7-31-58	N	N	. . .	. . .	. . .	
S-35	J. B. Broadway . . .	. . . . .	D	80.8	6	IPpv	1,000	59.0	10-24-58	N	N	. . .	. . .	. . .	
S-36	Hershell Green. . . .	. . . . .	D	54.3	6	IPpv	992	13.9	8- 1-58	M	D	66	11	26	
S-37	Jack West	. . . . .	Du	20	36	IPpv	974	14.1	. . do . .	M	D	64	32	60	Dry at times.

S-38	....do.....	.....	D	100	6	IPpv	970	80.4	..do..	N	D	...	...	...	
S-39	Grayson Lumber Co.	.....	S	....	..	IPpv	860	....	.....	..	N	65	11	92	Known as Lynn Spring. Estimated flow, 50 gpm on 8-1-58. Large fluctuation.
U- 1	David Whittaker...	.....	Du	12.0	36	IPpv	940	6.8	9-16-58	N	S	...	...	...	
U- 2	....do.....	.....	D	47.9	6	IPpv	960	25.5	..do..	M	D	62	18	84	
U- 3	....do.....	.....	D	44.5	6	IPpv	960	28.3	..do..	M	D	62	25	118	
U- 4	Bill Durham.....	.....	Du	11.8	36	IPpv	925	8.4	..do..	N	N	...	...	...	
U- 5	L. C. Crawford...	.....	S	.....	..	Mp	700	....	.....	..	D	62	11	144	Known as Crawford Spring No. 4. Estimated flow, 10 gpm on 9-16-58.
U- 6	....do.....	.....	S	....	..	Mp	680	....	.....	..	S	62	11	162	Known as Crawford Spring No. 2. Estimated flow, 5 gpm on 9-8-58.
U- 7	....do.....	.....	S	....	..	Mp	620	....	.....	..	S	62	11	166	Known as Crawford Spring No. 1. Estimated flow, 5 gpm on 9-8-58.
U- 8	W. H. Crawford...	.....	D	58.0	6	Mb	638	30.2	9-16-58	M	D	62	25	124	
U- 9	....do.....	.....	D	28	6	Mb	600	10	.....	Tj	D	...	18	230	
U-10	R. H. Hawk.....	.....	D	61	6	Mb	625	27	.....	Tj	D	...	25	250	
U-11	Gaines Burden....	.....	Du	10.7	24	Qu	635	6.8	9-19-58	M	D	62	11	226	
U-12	....do.....	Leon Miller....	D	97	6	Mb	640	....	.....	Tj	D	...	11	200	
U-13	G. K. Smith.....	.....	Du	25	36	IPpv	820	13.2	9-18-58	Tj	D	...	18	66	
U-14	C. A. Lott.....	.....	D	33.5	6	IPpv-Mp (?)	790	7.9	..do..	M	D	62	11	24	
U-15	Alvin McKee.....	.....	Du	22.6	36	IPpv (?)	805	16.9	..do..	M	D	62	67	104	Insufficient for domestic supply during dry seasons.
U-16	W. C. Martin.....	.....	S	....	..	Mb	592	....	.....	Tj	D	62	11	118	Known as Martin Spring. Estimated flow, 10 gpm on 9-18-58.
U-17	....do.....	.....	Du	40	36	Qu	640	25.7	9-18-58	N	N	...	...	...	
U-18	D. A. Roan.....	.....	S	....	..	Mb	600	....	.....	..	D	62	11	156	Known as Roan Spring. Estimated flow, 10 gpm on 9-18-58.
U-19	J. H. Lathen.....	.....	Du	17.5	36	Qu (?)	810	11.7	9-17-58	N	N	...	...	...	
U-20	Verta Mason.....	.....	Du	20.6	36	Qu (?)	845	10.1	..do..	M	D	62	60	106	
U-21	....do.....	.....	Du	13.0	36	Qu (?)	830	6.7	..do..	Pp	S	...	...	...	Insufficient for stock supply during dry seasons.
U-22	Arlin Blackwood...	.....	D	....	6	IPpv	835	16.7	9-18-58	Tj	D	...	11	88	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
U-23	Lessie Smith	. . . . .	D	42.0	6	IPpv	790	14.9	9-18-58	Tj	D	. . .	18	82	
U-24	. . . . do	. . . . .	Du	13.4	36	Qu (?)	810	6.3	. . do . .	Tj	D	. . .	25	104	Insufficient for domestic supply during dry seasons.
U-25	. . . . do	. . . . .	D	48	6	IPpv	810	11.5	. . do . .	Tj	D	. . .	39	110	Do.
U-26	A. L. McKee.	. . . . .	Du	13.5	36	IPpv	830	10.1	. . do . .	M	D	62	18	82	Dry at times.
U-27	D. M. McKee, Jr. .	. . . . .	D	33.1	6	IPpv	840	14.0	9-17-58	M	D	62	67	640	
U-28	W. T. Lewis	. . . . .	D	31.7	6	IPpv	802	26.7	. . do . .	M	D	62	18	228	Insufficient for domestic supply during dry seasons.
U-29	Rock Creek Church.	. . . . .	D	26.6	6	IPpv	760	11.6	. . do . .	N	Pc	. . .	. . .	. . .	Rarely used.
U-30	W. B. Hamilton . . .	. . . . .	D	38.5	6	IPpv	782	25.9	. . do . .	M	D	62	25	204	
U-31	A. H. Woodall	. . . . .	D	21	6	IPpv	745	10	. . . . .	Pp	D	62	11	136	
U-32	C. H. Oden	Rayburn M. Miller.	D	73	6	Mp	740	21	. . . . .	Tj	D	. . .	. . .	. . .	
U-33	E. L. Julian	. . . . .	D	67.5	6	IPpv	820	30.7	9-17-58	N	N	. . .	. . .	. . .	
U-34	. . . . do	. . . . .	D	37.2	6	IPpv	803	35.6	. . do . .	N	N	. . .	. . .	. . .	
U-35	. . . . do	Curry Bros	D	68	6	IPpv	803	30	. . . . .	Tj	D	. . .	11	190	
U-36	Levy McKee.	. . . . .	D	80.4	6	Mb	630	13.3	9-19-58	M	D	62	11	216	Insufficient for domestic supply during dry seasons.
U-37	Mary McKee	. . . . .	Du	28.6	36	Qu	635	27.7	. . do . .	M	D	62	11	106	
U-38	Nettie McKee.	. . . . .	Du	12	36	Qu	655	4	. . . . .	Tj	D	. . .	11	186	
U-39	Ray Burden	. . . . .	S	. . . .	. .	Mb	596	. . . .	. . . . .	Tj	D,S	62	11	192	Known as Persimmon Knob Spring. Estimated flow, 10 gpm on 9-19-58.
U-40	. . . . do	. . . . .	D	60	6	Mb	600	. . . .	. . . . .	Tj	S	. . .	11	182	
U-41	Gaines Burden	. . . . .	D	75	6	Mb	640	25	. . . . .	Tj	S	. . .	32	218	
U-42	. . . . do	. . . . .	Du	23.0	36	IPpv	900	15.5	9-22-58	M	D	63	46	94	
U-43	C. C. Densmore. . .	. . . . .	Du	16.1	36	IPpv	900	11.2	. . do . .	M	D	63	11	56	
U-44	. . . . do	. . . . .	Du	13.7	36	IPpv	900	5.0	. . do . .	Tj	D	. . .	11	76	

U-45	O. A. Smith.	. . . . .	D	27.3	6	IPpv	910	7.1	. . do : .	M	D	62	25	58	
U-46	W. H. Crawford. . .	. . . . .	S	. . . .	. .	Mb	620	. . . .	. . . . .	Tj	D	62	25	140	Unnamed spring. Estimated flow, 10 gpm on 9-16-58.
U-47	Herman Ryan.	. . . . .	D	39.3	6	IPpv	910	21.0	9-16-58	M	D	62	46	78	Insufficient for domestic supply during dry seasons.
U-48	Nolan Ryan	. . . . .	D	52	6	IPpv	910	30	. . . . .	Tj	D,S	. . .	11	68	
U-49	Bill Crawford	. . . . .	D	76	6	IPpv	905	26.9	9-16-58	M	D	62	18	140	
U-50	P. W. Ransom. . . .	. . . . .	D	88	6	IPpv	902	20	. . . . .	Tj	D	. . .	11	160	
U-51	Marvin Jones.	Apel Machine Co.	D	75	6	IPpv	921	36.6	9-22-58	Tj	D	. . .	11	136	
U-52	Henry Holmes, Jr. .	. . . . .	D	22.6	6	IPpv	920	17.2	. . do . .	M	D	62	18	124	Do.
U-53	Hayden Snow	. . . . .	D	79.7	6	IPpv	1,045	20.5	. . do . .	M	D	62	11	30	
U-54	Avery Leeth.	. . . . .	Du	26.5	36	IPpv	1,060	22.3	. . do . .	M	D	62	39	64	
U-55	O. L. Oden	A. B. Mardis. . .	D	26.4	6	IPpv	925	12.0	9-23-58	M	D	62	18	80	Do.
U-56	Dewitt Crawford. . .	. . . . .	Du	22.0	36	IPpv	925	15.8	. . do . .	M	D	62	67	86	Do.
U-57	W. Whisenant.	. . . . .	D	29.4	6	IPpv	970	18.6	. . do . .	M	D	62	18	84	
U-58	Acie Densmore. . . .	. . . . .	D	51.0	6	IPpv	950	22.4	. . do . .	M	D	62	11	60	
U-59	C. A. Jones.	. . . . .	D	46.1	6	IPpv	938	14.5	. . do . .	M	D	62	4	46	
U-60	J. A. Brisco	. . . . .	D	28.0	6	IPpv	985	20.2	. . do . .	M	D	62	18	54	
U-61	A. F. Densmore. . .	. . . . .	D	33.2	6	IPpv	940	16.3	. . do . .	M	D	62	32	84	
U-62	F. D. Oden	. . . . .	D	35.0	6	IPpv	915	15.3	. . do . .	M	D	62	18	56	
U-63	Roy Brown.	A. B. Mardis. . .	D	42	6	IPpv	960	24.3	. . do . .	Tj	D	. . .	4	98	
U-64	Bernice Brown. . . .	Leon Miller. . . .	D	75.4	6	IPpv	1,000	24.1	. . do . .	M	D	62	11	52	
U-65	C. E. Whisenant. . .	. . . . .	D	36.1	6	IPpv	940	21.9	. . do . .	M	D	62	11	42	Do.
U-66	M. E. Densmore . .	A. B. Mardis . .	D	. . . .	6	IPpv	1,022	30	. . . . .	Tj	D	. . .	11	22	
U-67	M. G. Julian	. . . . .	D	29.1	6	IPpv	1,055	18.8	9-23-58	M	D	62	18	54	
U-68	L. W. Moon.	. . . . .	D	140	6	IPpv	1,050	70.0	9-24-58	Tj	D	. . .	25	92	
U-69	J. D. Cook	A. B. Mardis . .	D	63	6	IPpv	1,050	13.0	9-23-58	Tj	D	. . .	11	44	
U-70	C. E. Whisenant . .	Apel Machine Co.	D	101.1	6	IPpv	1,065	8.1	7-18-58	Tj	D	65	18	70	Observation well. Reported bail test, 15 gpm.
U-71	D. T. Crawford . . .	. . . . .	D	49.3	6	IPpv	1,080	29.0	9-24-58	M	D	62	32	50	
U-72	Ryan High School . .	Curry Bros	D	142	6	IPpv	1,075	. . . .	. . . . .	Pv	Ps	. . .	7	90	Water at 85 ft. Reported pumpage, 15 gpm. Supplies 250 pupils.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
U-73	J. J. Moon	. . . . .	D	76	6	IPpv	1,050	42.2	9-24-58	Tj	D	. . .	4	56	
U-74	C. S. Greene.	. . . . .	D	69	6	IPpv	1,055	31	. . . . .	Tj	D	. . .	11	56	
U-75	M. B. Seals.	. . . . .	D	70	6	IPpv	1,042	33.3	9-24-58	Tj	D	. . .	11	32	
U-76	Talmadge Crawford.	. . . . .	D	32.4	6	IPpv	1,055	22.0	. . do . .	M	D	62	67	54	
U-77	O. M. Light.	. . . . .	D	37.5	6	IPpv	1,062	21.7	. . do . .	M	D	62	32	34	
U-78	Avery Leeth.	. . . . .	D	31.6	6	IPpv	1,070	21.0	. . do . .	M	D	62	11	36	
U-79	W. A. Crawford. . .	. . . . .	D	35.4	6	IPpv	940	21.5	9-26-58	M	D	62	4	52	
U-80	Cecil Russell.	. . . . .	D	18	6	IPpv	890	. . . .	. . . . .	Tj	D	. . .	11	40	
U-81	B. L. Hare	. . . . .	D	60	6	IPpv	955	. . . .	. . . . .	Tj	D	. . .	11	78	
U-82	D. O. Griffin.	. . . . .	D	58.5	6	IPpv	930	27.0	9-22-58	M	D	62	11	96	
U-83	A. B. Mardis.	A. B. Mardis. . .	D	48.5	6	IPpv	870	35.5	9-26-58	M	D	62	18	50	Insufficient for domestic supply at times.
U-84	J. E. Parker.	. . . . .	D	44	6	IPpv	930	24	. . . . .	Tj	D	. . .	18	76	
U-85	O. S. Graham	. . . . .	D	50	6	IPpv	1,023	19.8	10- 2-58	Tj	D	. . .	11	34	
U-86	Ray Burden	. . . . .	S	. . . .	. .	Mb	600	. . . .	. . . . .	. .	S	62	11	106	Known as Dry Creek Spring. Estimated flow, 20 gpm on 9-19-58.
U-87	. . . . do	. . . . .	S	. . . .	. .	Mb	590	. . . .	. . . . .	. .	N	62	11	88	Known as Mud Creek Spring. Estimated flow, 50 gpm on 9-19-58.
U-88	C. L. Ryan	. . . . .	D	200	6	IPpv	1,050	16.4	10- 2-58	N	N	. . .	. . .	. . .	
U-89	T. C. Cobbs	. . . . .	D	102	6	IPpv	1,060	40	. . . . .	Tj	D	. . .	18	136	Water at 71 ft.
U-90	H. L. Vinson.	. . . . .	D	65	6	IPpv	1,023	39.0	10- 2-58	Tj	D	. . .	11	54	
U-91	Blash Ozbolt	. . . . .	D	39.7	6	IPpv	1,030	24.6	. . do . .	M	D	62	32	52	Insufficient for domestic supply during dry seasons.
U-92	A. A. Vincent	Charles W. Miller.	D	102	6	IPpv	1,035	37.8	9-25-58	Tj	D,S, Pc	. . .	. . .	. . .	Casing: 6-in. to 52 ft. Water at 80 ft. Water reported to contain iron.
U-93	Gum Pond Church. .	. . . . .	D	56.4	6	IPpv	1,040	23.8	7-17-58	N	N	. . .	. . .	. . .	Observation well.
U-94	Ervin Buckelew . . .	O. C. Smith. . . .	D	42.5	6	IPpv	1,050	24.0	9-25-58	Tj	D	. . .	. . .	. . .	

U-95	E. M. Cobbs	. . . . do	D	35.2	6	Ppv	1,045	18.7	. . do . .	M	D	. . .	18	100	Bedrock at 7 ft.
U-96	O. C. Smith.	Holmes Bros . . .	D	40.0	6	Ppv	1,070	23.7	. . do . .	M	D	63	11	152	Casing: 6-in. to 20 ft. Water at 38 ft.
U-97	. . . . do	Rayburn M. Miller.	D	78	6	Ppv	1,070	26	6- -57	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 17 ft.
U-98	. . . . do	. . . . do	D	60.8	6	Ppv	1,070	24.5	9-25-58	N	D,S	. . .	. . .	. . .	
U-99	Willie Smith.	. . . . .	D	38.2	6	Ppv	1,042	21.2	10- 2-58	M	D	62	11	72	
U-100	Bill Vinson	. . . . .	D	60.5	6	Ppv	1,005	33.1	9-26-58	M	D	62	25	72	
U-101	W. D. Shadix.	Leon Miller. . . .	D	75	6	Ppv	1,030	45.8	. . do . .	Tj	D	. . .	4	32	
U-102	G. W. Absher	. . . . .	D	33.2	6	Ppv	1,030	16.7	. . do . .	M	D	62	39	40	
U-103	Oscar Absher.	. . . . .	D	31.5	6	Ppv	1,025	13.7	. . do . .	M	D	62	11	58	
U-104	Bell Nunley	Holmes Bros . . .	D	38.3	6	Ppv	990	29.3	. . do . .	M	D	62	18	68	Casing: 6-in. to 10 ft. Water at 38 ft.
U-105	W. H. Crawford . .	A. B. Mardis . .	D	46.0	6	Ppv	1,062	25.9	9-25-58	M	D	62	11	56	Insufficient for domestic supply during dry seasons.
U-106	Herman MacAnally .	. . . . do	D	26.7	6	Ppv	1,045	18.5	. . do . .	M	D	62	11	66	
U-107	Lewis Ashber	. . . . .	D	48.1	6	Ppv	1,000	22.9	. . do . .	M	D	62	11	32	
U-108	J. N. Cook	. . . . .	D	31.5	6	Ppv	1,050	16.2	9-24-58	M	D	62	11	46	
U-109	Tyrus Brisco.	. . . . .	D	24.0	6	Ppv	1,045	15.9	9-25-58	M	D	62	11	32	
U-110	Edward Hamilton . .	. . . . .	D	62.7	6	Ppv	1,060	25.7	. . do . .	M	D	62	18	46	
U-111	H. M. Brisco	. . . . .	D	52.6	6	Ppv	1,045	19.2	. . do . .	M	D	62	11	20	
U-112	Hubert Moore	. . . . .	D	85	6	Ppv	1,035	27.9	. . do . .	Tj	D	. . .	11	102	
U-113	W. A. Crawford. . .	. . . . .	D	54.0	6	Ppv	1,020	19.2	9-24-58	M	D	62	53	80	Do.
U-114	D. T. Crawford . . .	. . . . .	D	61.2	6	Ppv	905	31.5	9-23-58	M	D	62	11	84	
U-115	Fred McKevy.	. . . . .	D	28.6	6	Ppv	1,025	17.9	9-25-58	M	D	62	60	98	Do.
U-116	Wylie Albright	Walter Miller. . .	D	77.8	6	Ppv	1,042	24.1	. . do . .	Tj	D	. . .	32	60	
U-117	G. C. Walker.	. . . . .	Du	24.0	6	Ppv	1,065	14.4	7-17-58	Tj	D	. . .	18	48	
U-118	Hebron Church. . . .	Walter Miller. . .	D	80	6	Ppv	1,070	. . . .	. . . . .	. .	Pc	. . .	. . .	. . .	
U-119	W. O. Walker	A. B. Mardis. . .	D	35.9	6	Ppv	1,065	38.8	7-17-58	N	N	. . .	. . .	. . .	
U-120	M. A. Roberts. . . .	. . . . .	D	22.5	6	Ppv	1,043	20.3	9-25-58	M	D	62	11	34	
U-121	J. T. Umphrey. . . .	. . . . .	D	38	6	Ppv	1,050	25	. . . . .	Tj	D	. . .	11	. . .	
U-122	Algie Humphries. . .	. . . . .	D	58.0	6	Ppv	1,021	23.8	9-25-58	M	D	62	11	104	

Table 2.--Records of wells and springs in Morgan County, Ala.--Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
U-123	W. L. Hipps	. . . . .	D	24.7	6	IPpv	918	8.4	9-26-58	M	D	62	4	108	
U-124	Wayne Humphries . .	. . . . .	D	30	6	IPpv	1,010	12.1	9-25-58	Tj	D	. . .	11	62	Insufficient for domestic supply during dry seasons.
U-125	Albert Ralph	. . . . .	D	35	6	IPpv	1,005	21.1	9-26-58	Tj	D	. . .	25	80	
U-126	W. C. Holmes	. . . . .	D	60	6	IPpv	1,010	48.7	10- 2-58	Tj	D,S	. . .	11	112	
U-127	John Hawker	. . . . .	D	27.0	8	IPpv	995	13.5	. . do . .	M	D	62	18	46	Do.
U-128	T. S. Holcomb. . . .	. . . . .	D	50	6	IPpv	1,021	30	. . . . .	Tj	D,S	. . .	11	74	
U-129	D. F. Thomas	. . . . .	D	80	6	IPpv	1,003	25	. . . . .	Tj	D	. . .	11	72	
U-130	Anne Craig	Rayburn M. Miller.	D	79.6	6	IPpv	1,025	42.7	9-25-58	Tj	D,S	64	18	138	
U-131	G. W. Helms	. . . . .	D	28.2	6	IPpv	1,018	19.8	. . do . .	Tj	D,S	. . .	53	76	
U-132	H. F. Allen.	. . . . .	D	38.1	6	IPpv	1,025	19.1	10- 2-58	M	D	62	11	42	
V- 1	C. L. Tanner.	. . . . .	D	59.1	6	Mb (?)	785	35.7	3-13-59	M	N	. . .	11	170	
V- 2	. . . . do	. . . . .	D	34.4	6	IPpv	830	5.6	3-17-59	M	D	. . .	4	20	Insufficient for domestic supply.
V- 3	J. L. Bryant	. . . . .	D	20.4	6	IPpv	818	4.3	. . do . .	M	D	. . .	18	90	
V- 4	L. R. Kinney.	Boyd McAnally . .	D	23.7	6	IPpv	835	7.7	. . do . .	M	D	. . .	11	30	Do.
V- 5	Hubert Livingston . .	. . . . .	D	34.3	6	IPpv (?)	830	9.3	. . do . .	M	D	. . .	11	158	Do.
V- 6	Huelon Kinney	. . . . .	D	35.1	6	IPpv	850	8.1	. . do . .	M	D	. . .	11	22	
V- 7	A. L. Puckett	. . . . .	D	75.4	6	IPpv	1,078	21.5	. . do . .	M	D	. . .	18	24	
V- 8	Floyd Woodall	. . . . .	D	54.0	6	IPpv	1,110	20.6	. . do . .	M	D	. . .	188	32	
V- 9	Doris Chop	. . . . .	D	36.0	6	IPpv	1,135	7.3	. . do . .	M	D	. . .	11	30	
V-10	Coy Frost	. . . . .	D	90.5	6	IPpv	1,100	18.1	. . do . .	Tj	D	. . .	32	68	
V-11	Lottie Hall.	. . . . .	D	61.6	6	IPpv	1,145	36.8	. . do . .	Tj	D	. . .	18	26	
V-12	J. D. Woods	. . . . .	D	45.3	6	Mp	875	25.5	. . do . .	Tj	N	. . .	. . .	. . .	

V-13	E. M. Chenault . . .	. . . . .	D	68.0	6	Mb (?)	865	52.3	3-18-59	N	N	. . .	11	292	
V-14	S. L. Shelton	. . . . .	D	103.6	6	IPpv	1,085	55.6	. . do . .	M	D	. . .	11	56	
V-15	J. W. Livingston . .	. . . . .	D	60.1	6	IPpv	1,130	11.4	. . do . .	M	D	. . .	25	24	
V-16	Mitchell Hipps	. . . . .	D	35.6	6	IPpv	1,125	17.6	. . do . .	N	D	. . .	. . .	. . .	
V-17	Robert Nelson	. . . . .	S	. . . .	. .	IPpv	1,018	. . . .	. . . . .	. .	N	51	11	20	Known as Copper Spring. Estimated flow, 100 gpm on 3-18-59.
V-18	H. L. Frost.	. . . . .	Du	23.1	36	IPpv	1,100	9.2	3-18-59	M	D	. . .	39	74	
V-19	Ezra Hudgins	. . . . .	D	43.8	6	IPpv	1,110	13.1	. . do . .	M	D	. . .	18	30	
V-20	A. C. Livingston . .	. . . . .	D	235	6	IPpv	820	23.3	. . do . .	N	N	. . .	11	42	
V-21	J. B. Oden	. . . . .	D	63.5	6	IPpv	810	21.0	. . do . .	M	D	. . .	25	22	
V-22	Ellie Self.	. . . . .	D	76.8	6	IPpv	818	7.8	. . do . .	M	D	. . .	18	52	
V-23	Lawrence Cove School.	. . . . .	D	61.6	6	IPpv	830	13.5	. . do . .	M	Ps	. . .	4	56	Supplies 30 students.
V-24	T. J. Bell.	. . . . .	D	40.5	6	IPpv	1,045	11.8	3-19-59	M	D	. . .	53	44	
V-25	W. A. Bates	. . . . .	Du	9.1	48	IPpv	822	2.3	. . do . .	N	N	. . .	11	26	
V-26	Daisey Manous	. . . . .	D	44.8	6	IPpv	1,050	15.5	. . do . .	M	D	. . .	67	42	
V-27	Bobby Childers . . .	. . . . .	D	29.4	6	IPpv	850	11.5	. . do . .	M	D	. . .	11	182	
V-28	E. A. Leathers . . .	. . . . .	Du	27.4	36	IPpv	1,050	5.4	. . do . .	M	D	. . .	46	48	
V-29	L. H. Patton	. . . . .	D	41.0	6	IPpv	1,085	39.5	. . do . .	M	D	. . .	18	24	
V-30	J. J. Childers	. . . . .	D	111.0	6	IPpv	1,065	43.4	. . do . .	Tj	D	. . .	4	40	Water contains iron.
V-31	D. M. Childers . . .	. . . . .	D	45.0	6	IPpv	1,125	30.7	. . do . .	M	D	. . .	25	34	
V-32	Bruce Livingston . .	. . . . .	D	28.7	6	IPpv	1,078	13.6	. . do . .	M	D	. . .	11	22	
V-33	L. D. Boyd	. . . . .	D	85.5	6	IPpv	1,085	14.3	. . do . .	M	D	. . .	11	10	Water at 30 ft.
V-34	L. O. Summerford .	. . . . .	D	30.0	6	IPpv	1,042	12.5	. . do . .	Pp	S	. . .	18	24	
V-35	I. J. Bennett	. . . . .	D	95.4	6	IPpv	1,065	32.8	3-20-59	Tj	D	. . .	11	78	
V-36	Melvin Hopper	. . . . .	D	36.4	6	IPpv	995	10.5	. . do . .	M	D	. . .	18	22	
V-37	Eva School.	Leon Miller	D	118	6	IPpv	1,077	. . . .	. . . . .	Tj	D, Ps	. . .	11	125	Supplies 700 students. Wells 37, 41, 43 furnish drinking water. Supplemented from pond.
V-38	. . . . do	. . . . .	D	78	6	IPpv	1,075	. . . .	. . . . .	Pv	N	. . .	. . .	. . .	
V-39	. . . . do	. . . . .	D	104	6	IPpv	1,090	. . . .	. . . . .	. .	N	. . .	. . .	. . .	Dry hole.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
V-40	Eva School.	. . . . .	D	304	6	IPpv	1,090	. . . .	. . . . .	Pv	N	. . .	. . .	. . .	
V-41	. . . . do	Leon Miller. . . .	D	550	6	IPpv	1,095	54.7	7-22-58	Ts	Ps	. . .	11	130	Casing: 6-in. to 25 ft. Water at 100 ft.
V-42	. . . . do	. . . . .	D	38	6	IPpv	1,120	. . . .	. . . . .	N	N	. . .	. . .	. . .	
V-43	. . . . do	. . . . .	D	30	6	IPpv	1,070	. . . .	. . . . .	. .	D, Ps	. . .	. . .	. . .	
V-44	E. B. Oden	Leon Miller. . . .	D	110	6	IPpv	1,100	44.7	7-18-58	Ts	D	. . .	18	50	Observation well.
V-45	E. Humphries	. . . . .	D	33.9	6	IPpv	1,060	6.9	. . do . .	M	D	64	25	24	
V-46	Clifford Carnell . . .	. . . . .	D	51.8	6	IPpv	1,065	19.7	. . do . .	M	D	64	25	120	
V-47	-- Tanner	. . . . .	D	24.7	6	IPpv	1,050	9.8	. . do . .	M	D	65	11	160	
V-48	Wade Estes	. . . . .	D	72.4	6	IPpv	1,050	30.4	3-20-59	M	D	. . .	18	30	
V-49	J. A. Bailey	. . . . .	D	50.0	6	IPpv	1,058	33.3	. . do . .	Tj	D, S	. . .	11	34	
V-50	C. L. Moore	Charles W. Miller.	D	238	6	IPpv	1,070	. . . .	. . . . .	. .	S	. . .	11	22	Insufficient for stock supply. Water at about 30 ft.
V-51	. . . . do	. . . . do	D	150	6	IPpv	1,055	30	. . . . .	Pv	S	. . .	18	38	Do.
V-52	James McAnally. . .	. . . . .	D	28.8	6	IPpv	1,045	8.9	3-20-59	N	N	. . .	53	28	
V-53	R. W. Shaddix	. . . . .	D	65.0	6	IPpv	1,042	29.5	. . do . .	Tj	D	. . .	11	40	
V-54	Tommie Moore. . . .	. . . . .	D	71.6	6	IPpv	1,045	42.5	. . do . .	M	D	. . .	18	26	
V-55	Lena Meherg	. . . . .	D	87.0	6	IPpv	1,065	36.2	3-23-59	Tj	D, S	. . .	11	86	
V-56	R. F. McGukin. . . .	. . . . .	D	77.1	6	IPpv	1,062	45.6	. . do . .	N	N	. . .	. . .	. . .	
V-57	M. J. Self.	. . . . .	D	122.0	6	IPpv	1,045	72.0	3-24-59	N	N	. . .	. . .	. . .	
V-58	Clyde Johnston. . . .	. . . . .	D	47.8	6	IPpv	1,060	33.6	3-30-59	Tj	S	. . .	. . .	. . .	
V-59	C. B. Bates.	. . . . .	D	44.7	6	IPpv	1,085	24.1	3-24-59	M	D	. . .	32	36	
V-60	T. Y. Spradlin. . . .	. . . . .	D	90.0	6	IPpv	1,040	22.3	. . do . .	Tj	D	. . .	11	68	
V-61	J. A. Fowler.	. . . . .	D	25.5	6	IPpv	1,045	12.8	3-24-59	M	D	62	11	14	
V-62	J. R. Holmes.	. . . . .	D	31.1	6	IPpv	1,030	11.3	. . do . .	M	D	. . .	25	34	
V-63	. . . . do	. . . . .	D	26.3	6	IPpv	1,065	12.1	. . do . .	M	D	. . .	18	14	

V-64	Walter Holmes....	.....	D	64.0	6	IPpv	1,065	15.3	..do..	Tj	D	...	74	20	Water at 22 ft.
V-65	Fritz Holmes.....	.....	D	28.6	6	IPpv	1,062	12.3	..do..	M	D	61	18	14	
V-66	Wanles Kellem....	.....	D	54.4	6	IPpv	1,002	30.3	..do..	M	D	62	18	14	
W- 1	Buster Dunlap	.....	Du	35.7	36	IPpv	890	18.7	3-25-59	M	D	...	18	40	
W- 2	Floyd Key	.....	D	63	6	Mb	802	....	.....	Tj	D	...	11	206	
W- 3	....do.....	.....	S	....	..	Mp-Mb (?)	818	....	.....	..	N	58	4	96	Unnamed spring. Estimated flow, 20 gpm on 3-24-59.
W- 4	W. A. Waddell....	.....	S	....	..	Mp-Mb (?)	858	....	.....	..	N	55	11	30	Known as Livingston Spring. Estimated flow, 300 gpm on 3-25-59.
W- 5	D. E. Campbell ...	Ray Campbell...	D	105.5	6	Mb	830	32.1	3-25-59	M	D	62	4	156	Bedrock at 18 ft.
W- 6	A. E. Cloer.....	.....	Du	14.3	60	IPpv	1,015	3.1	..do..	M	D	...	11	22	
W- 7	Rolin Ray	.....	D	67.8	6	Mb	680	22.1	..do..	M	D	...	32	184	
W- 8	M. O. Brown.....	Crowe Drilling Co.	D	103	6	Mb	638	7.2	11-19-57	Tj	D	63	11	230	
W- 9	Bessie Clayton....	Hurst Machine Works.	D	74.4	6	Mb	631	10.3	9-15-58	Pp	D	64	21	104	Sample log in files of U.S. Geol. Survey.
W-10	J. M. Brown	Crowe Drilling Co.	D	100.7	6	Mb	630	6.5	7-18-58	..	N	66	39	316	Casing: 6-in. to 8 ft. Water at 84 ft. Bail test, 2 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
W-11	Frank Arnold.....	.....	D	39.1	6	Mb	655	29.8	3-25-59	M	D	...	11	248	
W-12	A. J. Hart.....	.....	D	33.6	6	Mb	610	8.6	11-19-57	Pp	N	...	...	...	
W-13	J. L. Bryan	.....	D	37.1	6	Mb	625	4.2	..do..	M	N	...	...	...	
W-14	Woodrow Houser...	.....	D	27.3	6	Mb	615	.5	..do..	Pp	N	...	...	...	
W-15	D. N. Macoy	.....	D	32.3	6	Qu (?)	615	1.8	..do..	Ph	D,S	64	46	294	
W-16	....do.....	.....	D	49.7	6	Mb	615	4.1	..do..	M	N	...	...	...	
W-17	E. W. Alldredge...	.....	D	50.5	6	Mb	641	12.6	..do..	N	N	...	...	...	
W-18	Charles Harden ...	.....	D	48.0	6	Mb	612	3.7	4-23-58	M	N	58	25	30	Water sulfurous.
W-19	L. A. Douglas	.....	Du	21.2	36	Qu	621	7.2	..do..	Pp	N	...	...	...	
W-20	J. H. Robinson....	.....	Du	19.3	24	Qu	621	8.3	..do..	M	N	...	...	...	
W-21	W. L. Speegle	.....	Du	5	30	Qu	598	1.6	6- 2-58	M	S	...	...	...	
W-22	John Rowe.....	Crowe Drilling Co.	D	114.4	6	Mb	622	9.1	4-24-58	M	S	59	18	76	Do.

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
W-23	Delia Powell	. . . . .	Du	31.3	6	Qu	632	0.0	11-19-57	M	D	. . .	. . .	. . .	Well dry in summer.
W-24	John Evans	Crowe Drilling Co.	D	43.1	6	Mb	635	18.2	. . do . .	M	D	65	11	256	Well dry in fall of 1954.
W-25	. . . . do	. . . . do	D	81.2	6	Mb	630	22.4	. . do . .	Tj	D,S	63	18	154	Supplies 11,000 chickens and 1 family.
W-26	. . . . do	. . . . do	D	125.5	6	Mb	631	1.4	. . do . .	Pv	D,S	60	32	290	Casing: 6-in. to 14 ft. Water slightly sulfurous.
W-27	. . . . do	. . . . .	Du	12	36	Qu	631	. . . .	. . . . .	Pp	D	. . .	25	210	
W-28	John Rowe	. . . . .	S	. . . .	. .	Qu	606	. . . .	. . . . .	. .	D	62	4	152	Unnamed spring. Estimated flow, 50 gpm on 4-24-58.
W-29	E. H. Frances	. . . . .	D	22.0	6	Mb	662	16.7	3-25-59	N	N	. . .	11	94	
W-30	B. Woodard	Leon Miller	D	175.2	6	Mb	765	33.7	. . do . .	N	N	. . .	. . .	. . .	Water contains gas, probably methane.
W-31	R. L. Sanders	Crowe Drilling Co.	D	45.3	8-6	Mb	755	14.0	7-18-58	Tj	D	. . .	11	96	Casing: 8-in. to 8.5 ft. Water at 18 ft. Bail test, 5 gpm. Water sulfurous. Sample and driller's logs in files of U.S. Geol. Survey.
W-32	Public.	. . . . .	S	. . . .	. .	Mp	762	. . . .	. . . . .	. .	P	61	11	102	Known as Cole Spring. Estimated flow, 100 gpm on 3-25-59.
W-33	J. C. Turney	. . . . .	D	170.0	6	Mb	805	41.6	3-25-59	Pv	D	. . .	67	234	
W-34	Leon Nelson.	Leon Miller	D	111.3	6	Mb	818	80.8	1-12-59	N	N	. . .	. . .	. . .	Observation well. Water at 100 ft. Water sulfurous.
W-35	-- Dunlap	. . . . .	D	89.9	6	Mb	805	60.1	3-25-59	N	N	. . .	74	76	
W-36	Berta Holmes.	. . . . .	D	38.1	6	Mb (?)	842	15.4	. . do . .	M	D	. . .	18	116	
W-37	L. H. Holloway . . .	. . . . .	D	65.0	6	IPpv	1,062	17.6	3-27-59	M	D	. . .	25	38	
W-38	A. L. Boyd	. . . . .	D	72.0	6	IPpv	1,065	27.0	. . do . .	Tj	D	. . .	11	24	
W-39	Annie Dunlap	. . . . .	Du	11.5	60	Mb	770	11.0	. . do . .	Pp	D	. . .	4	22	Well cut partly filled cavity. Estimated stream flow in cavity at 50 gpm.
W-40	Chenault Estate . . .	. . . . .	D	16.0	6	Qu	835	.0	8-13-58	F	N	. . .	. . .	. . .	Estimated flow, 0.25 gpm; outlet about $\frac{1}{2}$ ft. below land surface.
W-41	Wayman Gandy. . . .	. . . . .	D	64.8	6	IPpv	895	26.7	3-27-59	M	D	. . .	25	52	

W-42	T. A. Gandy	. . . . .	D	44.7	6	Mp (?)	785	29.8	. . do . .	M	D	. . .	18	28	
W-43	Sam Gordon.	. . . . .	D	38.9	6	Mb	655	30.2	. . do . .	M	D	. . .	25	210	
W-44	J. B. Bates.	. . . . .	D	34.0	6	IPpv	835	18.3	. . do . .	M	D	. . .	11	30	
W-45	Clifford Holmes . . .	. . . . .	D	115.0	6	Mb	640	5.5	. . do . .	M	D	. . .	11	54	
W-46	Benny Crowe	Hurst Machine Works.	D	113.9	6	Mb	655	33.3	8-20-58	M	D	64	11	286	Sample log in files of U.S. Geol. Survey.
W-47	W. L. Speegle, Jr .	. . . . .	D	20	6	Mb	602	5.8	6- 2-58	Ph	D, S	60	39	238	
W-48	W. L. Speegle, Sr .	. . . . .	Du	14.5	30	Qu	603	9.8	. . do . .	M	D	58	32	256	
W-49	W. A. Green	. . . . .	Du	20.0	36	Qu	610	1.8	4-23-58	M	D	58	39	182	Insufficient for domestic supply.
W-50	. . . . do	. . . . .	D	47.8	6	Mb	612	5.4	. . do . .	N	N	58	160	. . .	Water contains black sulfur. Well dry at times.
W-51	. . . . do	. . . . .	D	22.5	6	Mb	610	7.7	. . do . .	Pp	D	58	18	160	
W-52	John Rowe.	. . . . .	D	49.5	6	Mb	625	11.3	4-24-58	Tj	D, S	. . .	32	224	
W-53	W. H. Smith	Crowe Drilling Co.	D	55.9	6	Mb	623	8.1	. . do . .	Tj	D, S	. . .	32	230	Casing: 6-in. to 10 ft. Bedrock at 8 ft.
W-54	. . . . do	. . . . .	Du	25	. .	Qu	625	. . . .	. . . . .	Ph	N	60	18	138	Hand pump.
W-55	John Evans	Crowe Drilling Co.	D	90.3	6	Mb	612	3.6	6-23-58	Tj	S	. . .	11	144	Casing: 6-in. to 11 ft. Water at 72 ft. Sample log in files of U.S. Geol. Survey.
W-56	Herbert Stevenson. .	. . . . .	D	151.0	6	Mb	670	62.7	3-27-59	Tj	D	. . .	11	194	
W-57	E. C. Brown	. . . . .	Du	43.8	36	IPpv	878	35.1	. . do . .	N	N	. . .	82	42	
W-58	Noah Cartee	. . . . .	D	37.5	6	Mb	670	20.2	. . do . .	M	D	. . .	11	138	
W-59	L. C. Brown	. . . . .	D	36.6	6	IPpv	870	21.1	3-31-59	M	D	. . .	18	18	
W-60	C. C. Brown	. . . . .	D	51.0	6	IPpv	845	15.4	. . do . .	M	D	. . .	18	32	
W-61	R. B. Dabbs	. . . . .	D	70.0	6	IPpv	962	25.5	. . do . .	M	D	. . .	11	92	
W-62	T. A. Gandy	. . . . .	D	91.5	6	Mp (?)	845	39.3	3-27-59	M	D	. . .	11	158	
W-63	. . . . do	. . . . .	D	200	6	Mb (?)	845	67.7	. . do . .	N	N	. . .	. . .	. . .	
W-64	H. L. Garrett	. . . . .	S	. . . .	. .	Mp	755	. . . .	. . . . .	. .	N	61	11	30	Known as Dripping Spring. Estimated flow, 10 gpm on 3-31-59.
W-65	R. L. Sanders	. . . . .	D	73.7	6	IPpv	1,010	13.7	3-31-59	M	D	. . .	18	134	
W-66	Alvin McClellan . . .	. . . . .	D	47.9	6	IPpv	1,025	9.1	. . do . .	M	D	. . .	96	48	
W-67	J. A. Hill	. . . . .	D	200	6	IPpv	1,025	14.1	. . do . .	N	N	62	18	280	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
W-68	Dexter Cobbs.....	.....	D	124.8	6	IPpv	1,065	25.1	3-31-59	N	N	62	32	38	
W-69	Pat Taylor.....	.....	D	133.7	6	IPpv	1,065	14.6	..do..	M	D	...	53	32	
W-70	W. B. Hill.....	.....	D	36.7	6	IPpv	990	19.1	4- 1-59	M	D	...	11	30	
W-71	E. A. George.....	.....	D	93.1	6	IPpv	1,025	48.9	3-31-59	M	D	...	11	70	
W-72	J. D. Garner.....	.....	D	90.0	6	IPpv	1,018	37.9	4- 1-59	Tj	D	...	18	60	
W-73	D. T. Suit.....	.....	D	42	6	IPpv	960	....	.....	Pv	D	...	18	90	Water at 35 ft. Hand pump.
W-74	J. A. Suit.....	.....	Du	31.0	36	IPpv	1,050	6.8	4- 1-59	N	N	...	...	...	
W-75	W. A. McAnally...	.....	Du	23.8	36	IPpv	1,010	10.1	4- 2-59	M	D	...	46	26	
W-76	Lula Hale	.....	D	41.6	6	IPpv	965	23.4	4- 1-59	M	D	...	18	56	
W-77	G. B. Kilpatrick...	.....	D	34.0	6	IPpv	1,025	8.1	4- 2-59	N	N	...	...	...	
W-78	W. E. Grant	.....	D	42.7	6	IPpv	1,030	19.4	..do..	M	D	...	11	38	
W-79	L. B. Suit.....	.....	D	169.9	6	IPpv	940	59.2	4- 1-59	M	D	62	11	78	
W-80	Clarence Young ...	.....	Du	29.6	36	IPpv	1,022	17.4	4- 2-59	M	D	...	39	16	
W-81	Joe Thomas.....	.....	D	70.8	6	Mb	650	53.6	4- 1-59	M	D	63	53	230	
X- 1	J. W. Tomlinson ..	Crowe Drilling Co.	D	147.3	6	Mb-Mh	602	22.1	11-25-57	M	D	61	18	30	Observation well. Contains petroliferous materials. Electric log in files of U.S. Geol. Survey.
X- 2	....do.....	.....	Du	24.1	..	Qu	606	9.8	11-26-57	Tj	D,S	63	18	236	
X- 3	....do.....	Jessie Woods...	D	41.1	6	Mb	600	.0	..do..	N	N	...	...	...	
X- 4	C. W. Crow.....	.....	D	35.1	6	Mb	604	4.8	12-10-57	N	N	...	...	...	Water sulfurous.
X- 5	Lucy Johnston	.....	Du	21.3	24	Qu	606	6.1	12- 6-57	Pp	D	60	18	192	
X- 6	Floyd Brannan	.....	D	36.0	6	Mb	607	5.3	11-20-57	N	N	...	...	...	
X- 7	W. T. Walling	.....	D	31.4	6	Mb	607	3.9	11-19-57	N	N	...	...	...	
X- 8	F. R. Minter.....	.....	D	39.7	6	Mb	605	2.8	11-25-57	N	N	...	...	...	
X- 9	S. W. Brown	.....	D	44.0	6	Mb	607	8.0	11-20-57	Pp	N	...	...	...	

X-10	T. E. Drinkard . . .	. . . . .	D	44.4	6	Mb	608	14.9	. . do . .	N	N	. . .	. . .	. . .	
X-11	Town of Falkville . .	. . . . .	D	97	6	Mb	603	. . . .	. . . . .	T	Pm	65	25	304	City supply. Casing: 6-in. to 13 ft. 60,000 gpd. Pump test, 50 gpm; drawdown 10 ft. Water slightly sulfurous.
X-12	J. L. Rowe	. . . . .	D	49.1	6	Mb	601	2.9	11-20-57	Pp	N	. . .	. . .	. . .	Water slightly sulfurous.
X-13	Brenda Rowe	. . . . .	D	27.8	6	Mb	603	5.5	. . do . .	N	N	. . .	. . .	. . .	
X-14	V. A. McCroskey . .	. . . . .	D	26.7	6	Mb	602	2.9	. . do . .	M	N	62	67	70	Water sulfurous.
X-15	Arthur Teague	. . . . .	D	69.1	6	Mb	606	7.8	11-25-57	Tj	D, S	56	32	238	Casing: 6-in. to 17 ft.
X-16	John Teague.	. . . . .	D	74.9	6	Mb	605	20.2	12- 4-57	Tj	D, S	62	18	146	Water sulfurous.
X-17	Anna Teague	. . . . .	D	75	6	Mb	611	. . . .	. . . . .	Tj	D	. . .	11	96	Do.
X-18	John Anders.	. . . . .	D	32.9	6	Mb	605	6.3	11-26-57	Tj	D	61	18	284	
X-19	. . . . do	. . . . .	Du	17.1	31	Qu	600	.4	. . do . .	Pp	S	62	46	310	
X-20	J. O. Steele.	. . . . .	D	32.8	6	Mb	608	14.2	. . do . .	Tj	D, S	65	25	180	
X-21	. . . . do	. . . . .	D	. . . .	6	Mb	613	. . . .	. . . . .	Pv	D	60	25	366	
X-22	H. G. Long	. . . . .	Du	35.6	. .	Mb	613	19.1	11-26-57	N	N	. . .	. . .	. . .	
X-23	J. H. Wilhite.	. . . . .	D	77.0	6	Mb	601	14.9	12- 2-57	N	N	. . .	. . .	. . .	
X-24	. . . . do	. . . . .	D	121.2	6	Mb	601	7.1	. . do . .	M	D	63	117	280	
X-25	Leldon Russell. . . .	. . . . .	D	39.3	6	Mb	605	15.3	4- 2-59	M	D	. . .	46	164	
X-26	Homer Summerford.	. . . . .	D	53.4	6	Mb	602	24.3	. . do . .	M	D	62	131	16	
X-27	J. H. Wilhite.	. . . . .	D	18.5	6	Mb	592	3.6	. . do . .	M	D	. . .	39	90	
X-28	Emmett Barkley. . .	. . . . .	D	24.3	6	Mb	592	7.3	. . do . .	M	D	. . .	25	116	
X-29	H. D. Shaneyfelt. . .	Crowe Drilling Co.	D	90.0	6	Mb, Mh	587	11.2	2-18-59	M	D	. . .	18	242	Casing: 6-in. to 16 ft. Water at 80 ft. Bail test, 1 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
X-30	Pete Thompson. . . .	. . . . .	D	65.3	6	Mb	602	13.1	4- 2-59	M	D	62	103	42	Water sulfurous.
X-31	R. E. Garnett	. . . . .	D	50.0	6	Mb	592	4.7	. . do . .	Pp	D	. . .	89	254	
X-32	E. L. Wright.	. . . . .	D	75.0	6	Mb	618	13.3	. . do . .	M	D	. . .	11	22	
X-33	Cedar Plain Church.	. . . . .	D	20.5	6	Mb	612	2.1	4- 3-59	Pp	N	. . .	18	292	
X-34	J. Williams	. . . . .	D	47.3	6	Mb	630	18.8	. . do . .	M	N	. . .	53	300	
X-35	T. G. Bramlett . . .	. . . . .	D	35.0	6	Mb	605	3.5	. . do . .	Pv	D	. . .	96	212	Water sulfurous in October. Hand pump.
X-36	J. H. Wilhite.	. . . . .	D	77.9	6	Mb	602	8.9	. . do . .	M	D	. . .	110	242	
X-37	Alma Frakie	. . . . .	D	45.8	6	Mb	612	20.5	. . do . .	N	N	. . .	60	98	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
X-38	J. C. Smith.	. . . . .	D	19.1	6	Mb	590	8.9	4- 3-59	N	N	. . .	18	68	
X-39	R. A. Summerford .	Crowe Drilling Co.	D	15.2	6	Qu	595	4.0	. . do . .	Pp	D	. . .	25	164	
X-40	-- Strout and -- Greer.	. . . . .	D	23.2	6	Mb	602	10.2	. . do . .	M	D	. . .	46	180	
X-41	C. G. Tucker.	. . . . .	D	57.7	6	Mb	587	3.9	12- 2-57	M	N	63	89	246	Water sulfurous.
X-42	W. T. Tomlin	. . . . .	D	29.1	6	Mb	588	2.8	. . do . .	M	D	62	39	266	
X-43	R. A. Summerford .	. . . . .	D	35.8	6	Mb	589	1.9	12- 6-57	Ph	S	. . .	18	150	
X-44	. . . . do	Lonzo Summerford.	D	40.1	6	Mb	591	5.4	12- 2-57	M	D, S	63	32	60	Do.
X-45	. . . . do	. . . . do	D	34.3	6	Mb	595	9.4	. . do . .	M	D, S	63	18	176	
X-46	. . . . do	. . . . .	D	23.8	6	Mb	588	5.5	12- 6-57	N	D	. . .	. . .	. . .	
X-47	O. E. Tucker.	. . . . .	D	32.8	6	Mb	591	3.2	12- 5-57	Pp	N	64	67	200	
X-48	Beulah Clark	. . . . .	Du	14.9	24	Qu	605	10.5	. . do . .	M	S	64	11	244	
X-49	. . . . do	. . . . .	D	31.3	6	Mb	600	11.0	. . do . .	M	D	64	39	312	
X-50	J. W. Sivley	Claude Tucker . .	D	39.0	6	Mb	595	10.3	. . do . .	Pp	D, S	63	18	294	
X-51	J. H. Wilhite.	. . . . .	D	10.7	6	Qu	601	4.4	2-24-58	N	N	. . .	. . .	. . .	
X-52	R. A. Summerford .	. . . . .	D	47.8	6	Mb	597	2.4	12- 5-57	N	N	. . .	. . .	. . .	
X-53	Morgan County. . . .	Fred Francis. . .	D	29.7	6	Mb	596	2.4	. . do . .	N	N	. . .	. . .	. . .	Observation well.
X-54	Town of Falkville . .	I. W. Elliott . . .	D	128	6	Mb	608	75	. . . . .	Pv	N	. . .	27	310	Cavity from 110 to 118 ft.
X-55	Hugh Plemons	. . . . .	D	43	6	Mb	605	20	. . . . .	N	N	. . .	. . .	. . .	Casing: 6-in. to about 15 ft.
X-56	V. O. Clark.	. . . . .	D	50	6	Mb	605	3.4	11-20-57	N	N	. . .	. . .	. . .	Casing: 6-in. to about 18 ft.
X-57	. . . . do	. . . . .	D	39.4	6	Mb	607	8.7	12-10-57	N	N	. . .	. . .	. . .	
X-58	J. W. Alldredge. . .	. . . . .	D	9.9	6	Qu	608	6.0	. . do . .	N	N	. . .	. . .	. . .	
X-59	Ollie Nesmith	. . . . .	D	36.3	6	Mb	607	.5	. . do . .	Pp	N	. . .	. . .	. . .	
X-60	Homer Summerford.	Henry Teague. . .	D	55.4	6	Mb	609	6.8	. . do . .	N	N	. . .	. . .	. . .	

X-61	Sam Gordon.....	.....	D	28.2	6	Mb	605	3.3	. . do . .	Pp	D	65	18	440	Well dry once.
X-62	E. C. Gibson.....	.....	D	41.3	6	Mb	607	2.1	. . do . .	N	N	. . .	. . .	. . .	
X-63	Herman Gibson....	.....	D	41.6	6	Mb	610	8.2	. . do . .	Pp	N	. . .	. . .	. . .	
X-64	Kay Patterson	.....	D	48.7	6	Mb	611	9.3	4-22-58	N	N	. . .	. . .	. . .	
X-65	W. E. Beasley....	Claude Tucker . .	D	75.9	6	Mb	612	11.7	. . do . .	N	N	. . .	. . .	. . .	Water sulfurous.
X-66	J. W. Franklin....	.....	D	39.9	6	Mb	612	5.0	4-23-58	M	N	62	39	100	Water slightly sulfurous.
X-67	.... do	.....	D	39.0	6	Mb	612	2.0	. . do . .	N	N	. . .	. . .	. . .	Water sulfurous.
X-68	J. K. West	.....	D	47.3	6	Mb	611	14.3	4-22-58	N	N	. . .	. . .	. . .	Bedrock at 15 ft. Water sulfurous.
X-69	A. L. Young	.....	D	17.9	6	Mb	598	5.0	6- 2-58	Tj	D,S	64	46	364	
X-70	W. T. Johnson....	.....	D	32.5	6	Mb	598	19.1	. . do . .	M	D,S	63	46	158	Water sulfurous.
X-71	E. H. Holaway....	Leon Miller....	D	100	6	Mb	599	.7	. . do . .	Tj	D	. . .	129	44	Water sulfurous. Flows in winter.
X-72	.... do	Lonzo Summer-ford.	D	30.5	6	Mb	599	6.0	. . do . .	M	D	63	67	338	Water slightly sulfurous.
X-73	.... do	Crowe Drilling Co.	D	50	6	Mb	599	1	.....	N	N	. . .	. . .	. . .	
X-74	W. M. Patterson, Jr.	.....	D	35.7	6	Mb	602	1.5	4- 3-59	N	N	. . .	18	172	
X-75	F. Wilcutt.....	.....	D	37.8	6	Mb	610	2.3	4- 8-59	N	N	. . .	11	160	
X-76	Homer Summerford.	.....	D	38.3	6	Mb	592	2.5	4- 3-59	M	D	. . .	571	254	
X-77	Limuel Hardin	.....	D	36.5	6	Mb	655	22.3	4- 7-59	M	D	. . .	32	154	
X-78	Annie Glasgow	.....	D	66.4	6	Mb	655	28.7	. . do . .	M	D	62	39	176	
X-79	Elliott Shull.....	.....	D	50.0	6	Mb	635	10.3	. . do . .	Pp	D	. . .	11	266	
X-80	Howard Vest	.....	D	94.7	6	Mb	611	24.9	. . do . .	M	D	62	160	22	
X-81	Fay McLamb	.....	D	34.9	6	Mb	612	3.7	. . do . .	M	D	. . .	25	160	
X-82	J. Williams.....	.....	D	17.8	6	Mb	635	13.2	. . do . .	N	N	. . .	. . .	. . .	
X-83	A. G. Jones.....	.....	Du	19.9	36	Qu	665	5.2	. . do . .	N	N	. . .	32	202	
X-84	Bill Tyler	.....	D	40.5	6	Mb	655	16.7	. . do . .	M	D	63	280	442	
X-85	W. T. Johnson....	.....	D	27.9	6	Mb	655	8.0	4- 9-59	N	N	. . .	67	264	
X-86	Rube Wilhite	.....	D	55.7	6	Mb	622	17.0	4- 7-59	M	D	63	39	284	
X-87	J. H. McAbee	.....	S	....	..	Mb	640	....	.....	..	..	57	11	30	Known as Mack Spring. Estimated flow, 500 gpm on 4-7-59.
X-88	John Evans	.....	D	60.6	6	IPpv	925	45.7	4- 7-59	M	D	. . .	131	50	

Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

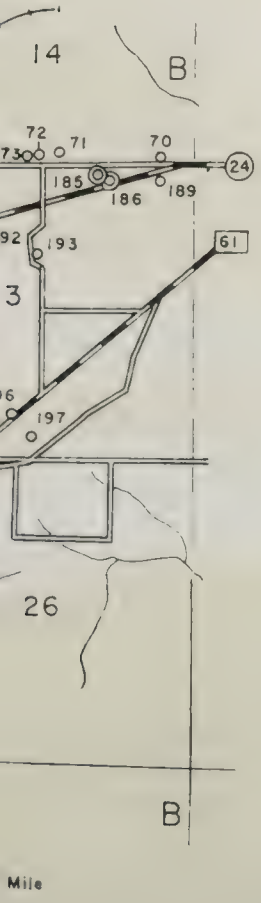
Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
X-89	Lavon Jones.	. . . . .	D	55.3	6	Mb	662	32.3	4- 8-59	M	D	. . .	11	218	
X-90	John Evans	. . . . .	D	39.3	6	IPpv	918	21.2	4- 7-59	M	D	. . .	60	56	
X-91	J. A. Wilhite.	. . . . .	D	23.1	6	Mb	602	11.0	4- 8-59	M	D	. . .	18	202	
X-92	George Wildman. . .	. . . . .	S	. . . .	. .	Mb	598	. . . .	. . . . .	. .	N	58	11	44	Known as Higdon Spring. Estimated flow, 100 gpm on 4-8-59.
X-93	-- Robinson.	. . . . .	S	. . . .	. .	Mb	618	. . . .	. . . . .	. .	N	56	11	32	Known as Blowing Spring. Estimated flow, 100 gpm on 4-8-59.
X-94	P. N. Richards . . .	Apel Machine Co.	D	. . . .	6	Mb	600	. . . .	. . . . .	. .	N	. . .	. . .	. . .	Casing: 6-in. to 14 ft. Cavity from 26 to 29 ft. Bail test, 2 gpm.
X-95	. . . . do	. . . . do	D	136.8	6	Mb	605	15.3	6-23-58	. .	N	. . .	. . .	. . .	Bedrock at 18 ft.
X-96	William Higdon . . .	. . . . .	D	29.6	6	Mb	610	15.7	4- 8-59	Tj	D	. . .	25	202	
X-97	Alabama Highway Department.	. . . . .	S	. . . .	. .	Mb	618	. . . .	. . . . .	. .	N	61	18	108	Unnamed spring. Estimated flow, 50 gpm on 4-8-59.
X-98	James Dewell.	. . . . .	D	66.9	6	IPpv	895	40.7	4- 8-59	M	D	. . .	11	26	
X-99	Ida Collums	. . . . .	S	. . . .	. .	IPpv	860	. . . .	. . . . .	. .	N	65	11	20	Known as Bell Spring. Estimated flow, 5 gpm on 4-8-59.
X-100	Howard Evans	. . . . .	D	41.6	6	IPpv	898	15.5	4- 8-59	N	N	59	53	44	
X-101	Edward Hopper. . . .	Leon Miller. . . .	D	99.5	6	IPpv	902	32.0	. . do . .	M	D	63	4	26	
X-102	John Evans	. . . . .	D	33.5	6	IPpv	1,098	13.7	. . do . .	N	N	. . .	11	26	
X-103	L. C. Simmons . . .	. . . . .	D	41.9	6	IPpv	1,045	33.1	. . do . .	N	N	. . .	25	16	
X-104	Leon Hill.	. . . . .	S	. . . .	. .	Mb	658	. . . .	. . . . .	. .	N	59	4	64	Known as Freeman Parker Spring. Estimated flow, 200 gpm on 4-9-59.
X-105	-- Ferguson.	. . . . .	D	68.6	6	IPpv	1,102	26.0	4- 8-59	M	N	63	11	22	
Y- 1	A. E. Morris.	. . . . .	D	28	6	Mb	598	5.4	4- 9-59	Pp	D	. . .	11	204	
Y- 2	W. H. Herring. . . .	. . . . .	D	53.4	6	Mb	601	18.3	. . do . .	M	D	. . .	32	200	
Y- 3	Massey School	. . . . .	D	50	6	Mb	615	. . . .	. . . . .	Pv	Ps	. . .	25	122	Supplies 90 students.
Y- 4	H. A. Thornhill . . .	. . . . .	D	17.7	6	Mb	595	6.9	4- 9-59	Pp	S	. . .	18	100	

Y- 5	J. J. Summerford. .	. . . . .	D	25.3	6	Mb	602	10.9	4-14-59	M	S	. . .	18	144	
Y- 6	Thomas Teague . . .	. . . . .	D	34.9	6	Mb	602	6.2	. . do . .	N	N	. . .	46	274	
Y- 7	J. W. Tanner.	. . . . .	D	18.5	6	Mb	595	4.2	. . do . .	N	N	63	46	110	
Y- 8	Guy Smith	. . . . .	D	112.4	6	Mb	605	13.3	. . do . .	M	S	62	32	188	
Y- 9	Troy Hall	. . . . .	D	72	6	Mb	636	20	. . . . .	Tj	D	. . .	46	242	
Y-10	Howard Millsap . . .	. . . . .	D	48.1	6	Mb	615	4.5	4-14-59	M	D	. . .	32	220	
Y-11	James C. Crowe. . .	. . . . .	D	36.0	6	Mb	645	.5	. . do . .	Tj	D	. . .	11	238	
Y-12	Dan Walker	. . . . .	D	13.3	6	Mb	638	4.1	. . do . .	M	D	. . .	18	48	
Y-13	Harvey Hogan.	. . . . .	D	54.1	6	Mb	675	13.3	. . do . .	M	D	. . .	25	110	
Y-14	J. W. Hunter.	. . . . .	D	27.2	6	Mb	645	15.4	. . do . .	N	N	. . .	39	206	
Y-15	Mert Holliday.	. . . . .	D	48.5	6	Mb	625	1.8	. . do . .	M	D	. . .	25	160	
Y-16	Nolen Dusty.	. . . . .	Du	19.0	36	Qu	615	7.1	. . do . .	Pp	D	. . .	11	188	
Y-17	Lethia Wilbanks . . .	Crowe Drilling Co.	D	116.9	6	Mb	603	24.8	8-13-59	N	N	. . .	14	241	Water at 70 ft. Bail test, 4 gpm. Water sulfurous. Sample and driller's logs in files of U.S. Geol. Survey.
Y-18	Oscar Penn	. . . . .	D	75.9	6	Mb	621	23.4	4-15-59	M	D	62	53	756	
Y-19	Danny Penn	. . . . .	D	89.1	6	Mb	605	15.7	. . do . .	M	D	62	67	250	
Y-20	Troy Hall	. . . . .	D	61.2	6	Mb	605	3.2	. . do . .	M	D	63	46	210	
Y-21	A. J. Thornhill . . .	Crowe Drilling Co.	D	94	6	Mb	605	23.7	. . do . .	Tj	D	. . .	25	16	Water at 84 ft. Bail test, 8 gpm. Sample and driller's logs in files of U.S. Geol. Survey.
Y-22	A. W. Lee.	. . . . .	D	100	6	Mb	625	30	. . . . .	Tj	D	. . .	32	218	
Y-23	Harold Holmes. . . .	. . . . .	D	38.3	6	Mb	602	7.8	4-15-59	Tj	D	. . .	96	336	
Y-24	Herbert Adcock . . .	. . . . .	D	46.8	6	Mb	610	7.9	. . do . .	M	D	. . .	209	358	Well dry in summer.
Y-25	J. L. Reeder, Sr . .	. . . . .	D	57.7	6	Mb	662	37.3	. . do . .	M	D	. . .	11	160	
Y-26	C. J. Tanner.	Walter Miller. . .	D	77.0	6	Mb	655	19.5	. . do . .	Pv	D	. . .	67	1,220	Water at 65 ft. Sample log in files of U.S. Geol. Survey.
Y-27	-- Jones	. . . . .	D	67.5	6	Mb	615	31.4	. . do . .	M	D	63	25	36	Water sulfurous.
Y-28	Will Tanner.	Walter Miller. . .	D	65.5	6	Mb	635	6.6	4-27-59	Tj	D	. . .	. . .	. . .	Bail test, 2 gpm.
Y-29	Byrd Wilhite	. . . . .	D	36.8	6	Mb	650	23.9	4-15-59	M	D	. . .	103	214	
Y-30	Evie Holladay.	. . . . .	D	10.0	6	Mb	650	8.5	. . do . .	N	N	. . .	. . .	. . .	
Y-31	C. J. Steele.	. . . . .	D	21.1	6	Mb	622	1.6	4-16-59	Pp	N	. . .	. . .	. . .	
Y-32	Edward Hogan	. . . . .	D	33.0	6	Mb	622	9.1	. . do . .	Tj	D	. . .	39	150	

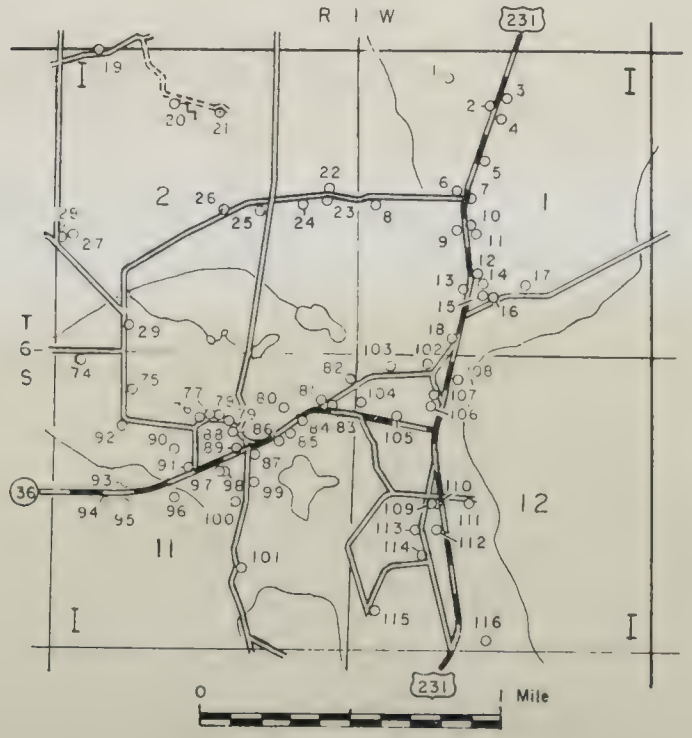
Table 2. --Records of wells and springs in Morgan County, Ala. --Continued

Well or spring no.	Owner	Driller	Type	Depth of well (feet)	Diameter of well (inches)	Water-bearing formation	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Field determinations			Remarks
								Above (+) or below land surface(feet)	Date of measurement			Temperature (°F)	Chloride (ppm)	Hardness as $CaCO_3$ (ppm)	
Y-33	Woodrow Morris. . .	. . . . .	D	45.0	6	Mb	636	7.5	4-16-59	Tj	D	. . .	11	172	
Y-34	J. O. Dutton	. . . . .	D	37.6	6	Mb	625	4.8	. . do . .	N	N	. . .	124	256	
Y-35	W. R. Pope.	Crowe Drilling Co.	D	123.6	6	Mb	668	30.3	10-31-58	Tj	D	. . .	18	182	Sample log in files of U.S. Geol. Survey.
Y-36	W. L. Burgess. . . .	. . . . .	D	39.2	6	Mb	652	27.8	4-16-59	M	D	. . .	32	238	
Y-37	Marlin Hogan.	. . . . .	D	60.5	6	Mb	650	20.3	. . do . .	M	D	63	351	758	
Y-38	Edward Hogan	. . . . .	D	37.0	6	Mb	642	16.1	. . do . .	M	D	. . .	74	376	
Y-39	Martha Williams. . .	. . . . .	D	35.0	6	IPpv	858	18.7	4-17-59	M	D	. . .	25	64	
Y-40	Dewey Hogan	. . . . .	D	38.0	6	Mb	622	2.2	4-16-59	M	D	. . .	18	264	
Y-41	Henry Dotson.	. . . . .	D	50.0	6	Mb	655	24.9	. . do . .	M	D	. . .	18	200	
Y-42	Will Tanner.	. . . . .	D	65.0	6	Mb	675	49.2	4-15-59	M	D	63	18	322	Water reported to be sulfurous.
Y-43	B. L. Carter.	Walter Miller. . .	D	95.3	6	Mb	670	36.6	7-15-58	M	D	63	18	176	Casing: 6-in. to 90 ft. Sample log in files of U.S. Geol. Survey.
Y-44	Alton Hardin	. . . . do	D	97	6	Mb	660	8	. . . . .	Tj	D	. . .	11	116	Casing: 6-in. to 79 ft. Water at 79 and 97 ft. Sample and driller's logs in files of U.S. Geol. Survey.
Y-45	B. C. Laney	. . . . .	D	55.0	6	Mp (?)	775	52.0	4-16-59	N	N	. . .	18	26	
Y-46	-- Driver	. . . . .	D	36.0	6	IPpv	1,045	11.4	. . do . .	M	D	. . .	18	28	
Y-47	J. D. Staples.	Walter Miller. . .	D	82	6	Mb	730	30	. . . . .	Tj	D	. . .	. . .	. . .	Casing: 6-in. to 40 ft. Water at 80 ft.
Y-48	. . . . do	. . . . .	D	46.0	6	Mb	670	32.5	4-16-59	N	N	. . .	. . .	. . .	
Y-49	W. H. Speegle	. . . . .	S	. . . .	. .	Mb	680	. . . .	. . . . .	. .	N	57	25	66	Known as Speegle Spring. Estimated flow, 200 gpm on 4-16-59.
Y-50	Alvin Milligan	. . . . .	D	54.0	6	IPpv	870	16.9	4-17-59	M	D	63	39	72	
Y-51	C. A. Williams . . .	. . . . .	D	77.2	6	IPpv	930	63.0	. . do . .	M	N	. . .	11	22	
Y-52	Vermont Hogan. . . .	. . . . .	Du	24.0	36	Qu	678	16.2	. . do . .	N	N	. . .	. . .	. . .	
Y-53	Milliard Williams . .	. . . . .	S	. . . .	. .	Mb	660	. . . .	. . . . .	. .	N	59	11	56	Known as McDonald Spring. Estimated flow, 200 gpm on 4-17-59.

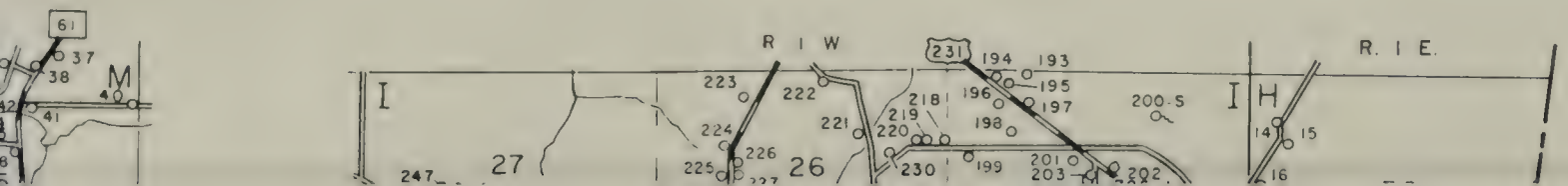
Y-54	A. H. Freeman . . .	. . . . .	D	60.0	6	Mb	670	10.7	4-17-59	M	D	. . .	18	108	
Y-55	Jack Steele	. . . . .	D	40.0	6	IPpv	875	14.2	. . do . .	N	N	. . .	. . .	. . .	
Y-56	Henry Dotson.	. . . . .	S	. . . .	. .	Mb	695	. . . .	. . . . .	. .	N	59	18	110	Known as Cove Spring. Estimated flow, 100 gpm on 4-17-59.
Y-57	Curtis Smith	. . . . .	D	27.0	6	IPpv	950	2.7	4-17-59	M	D	. . .	18	48	
Y-58	S. R. Bibb.	Walter Miller. . .	D	37.2	6	Mb	625	4.8	6- 8-59	M	D,S	65	18	256	Casing: 6-in. to 10 ft. Water from 25 to 28 ft.



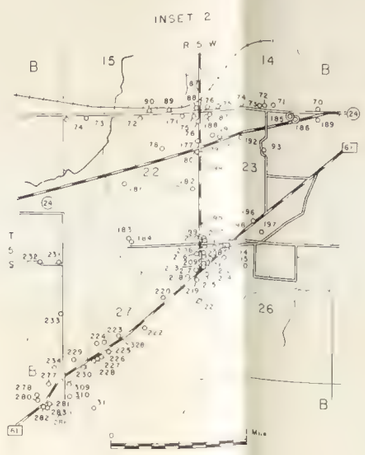
INSET 1



INSET 7



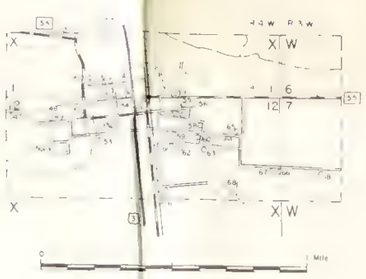
INSET 2



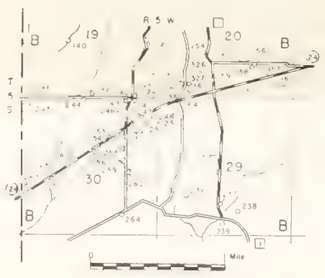
INSET 3

INSET 1

INSET 4



INSET 5



INSET 6

INSET 7

Base modified from TVA-USGS topographic quadrangles

Approximate mean declination 1958

Prepared by United States Geological Survey in cooperation with Morgan County Board of Revenue and Control and Geological Survey of Alabama

MAP OF MORGAN COUNTY, ALA., SHOWING LOCATION OF WELLS AND SPRINGS

Scale 1:62500

EXPLANATION

- Well used for industrial, irrigation, or public supply
- Well used for domestic or stock supply
- Spring
- 2 lane / 4 lane Primary paved road
- Secondary improved road
- U.S. highway
- State highway
- County highway

1-PLATE